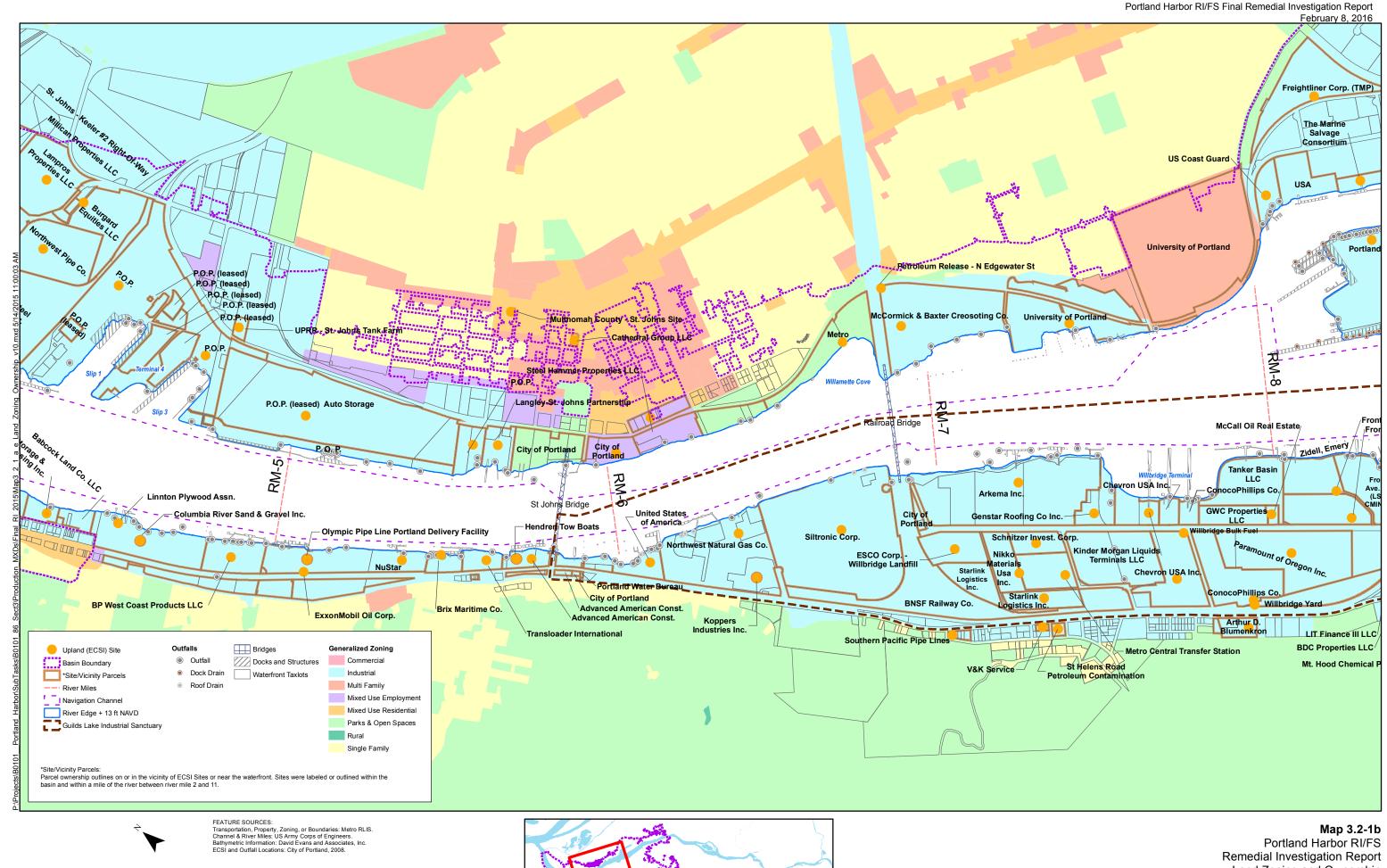


Map 3.2-1a
Portland Harbor RI/FS
Remedial Investigation Report
Land Zoning and Ownership

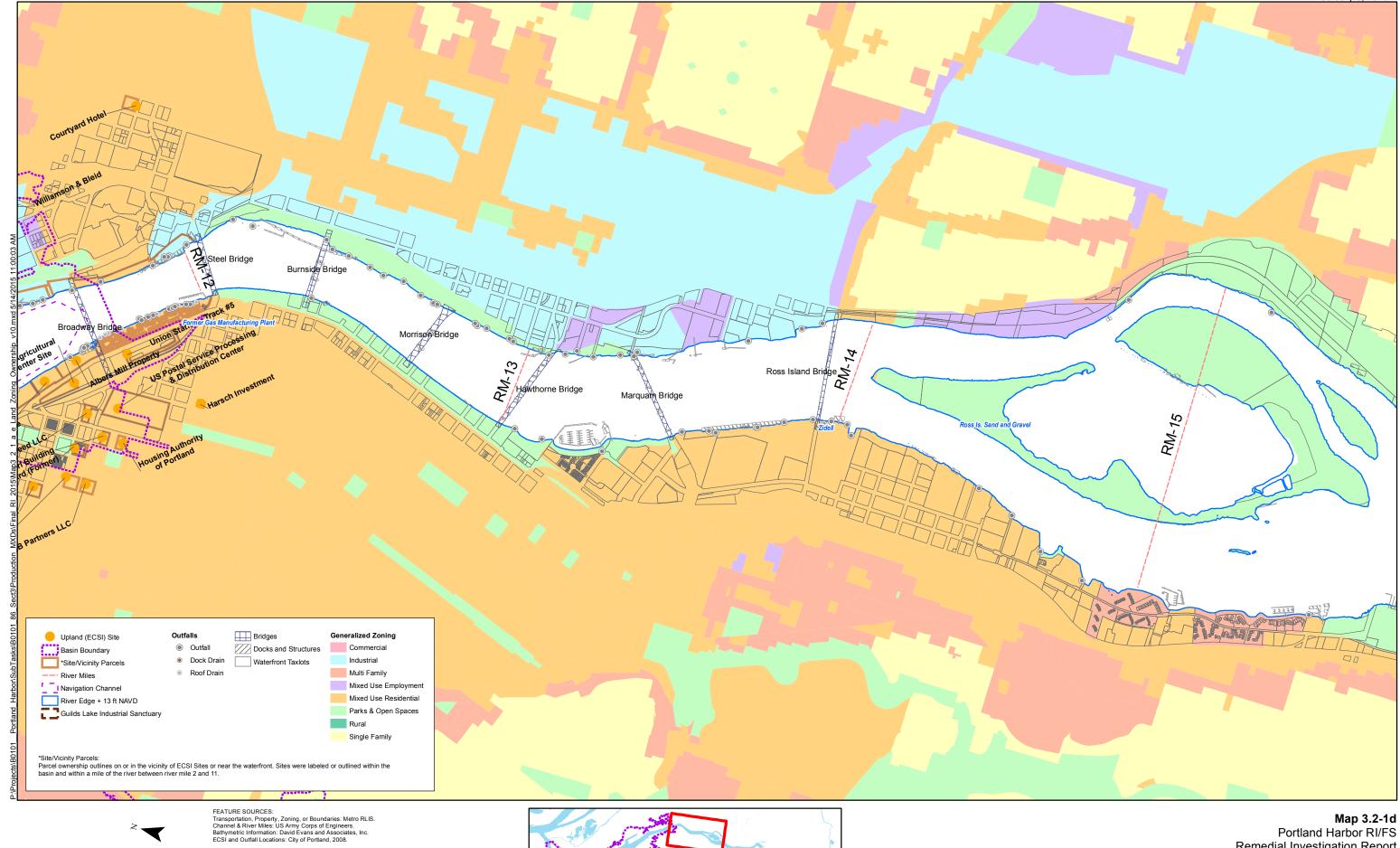


2,000 Feet

Land Zoning and Ownership

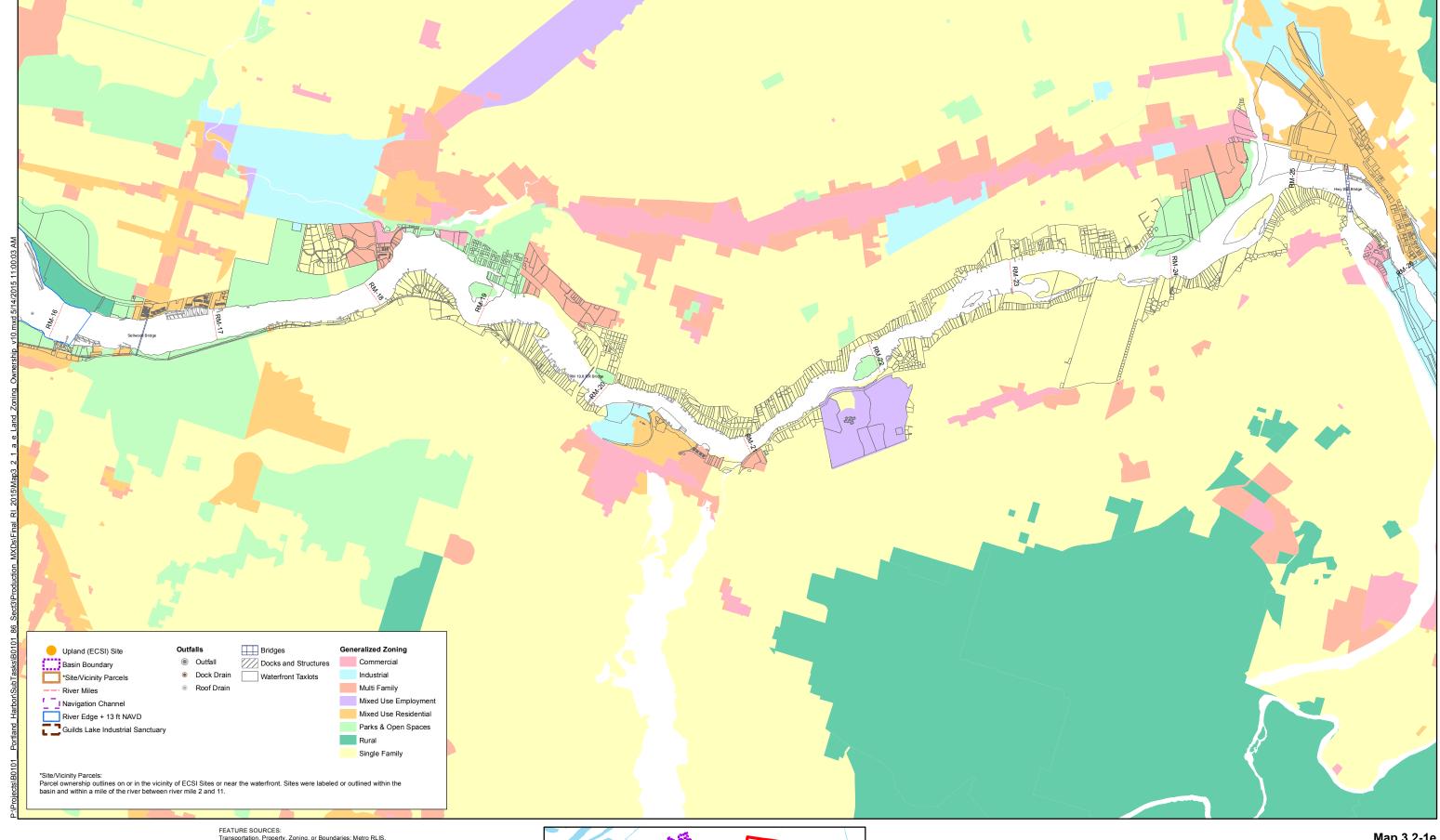
2,000 Feet

Map 3.2-1c Portland Harbor RI/FS Remedial Investigation Report Land Zoning and Ownership



2,000 Feet

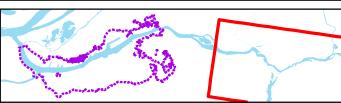
Portland Harbor RI/FS Remedial Investigation Report Land Zoning and Ownership



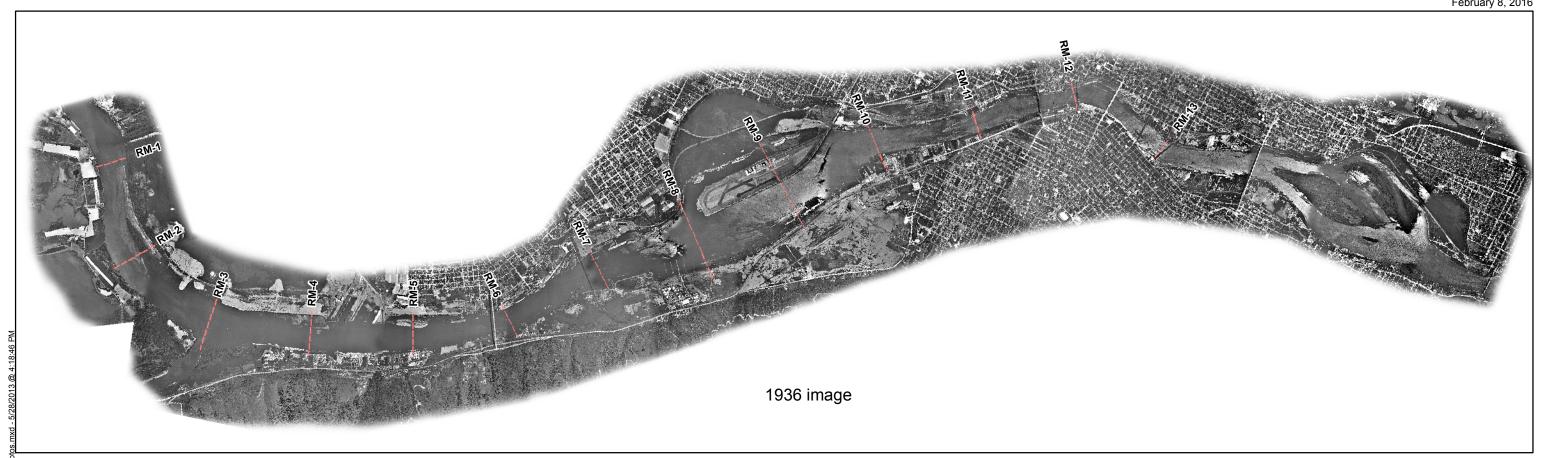


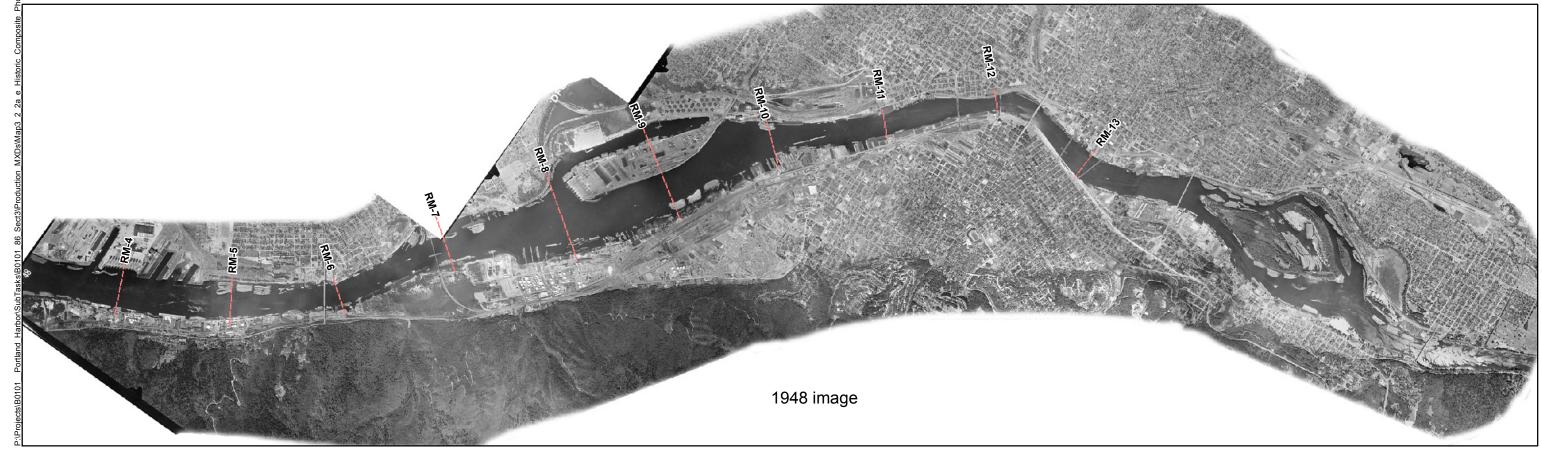
FEATURE SOURCES: Transportation, Property, Zoning, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc. ECSI and Outfall Locations: City of Portland, 2008.

0 1,000 2,000 Fee

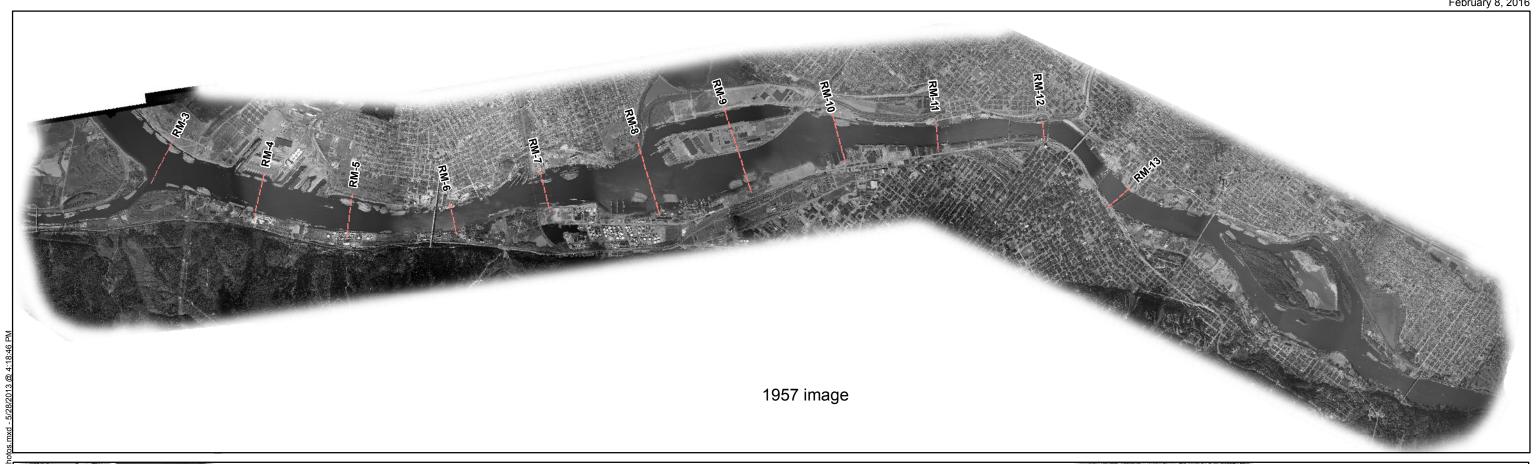


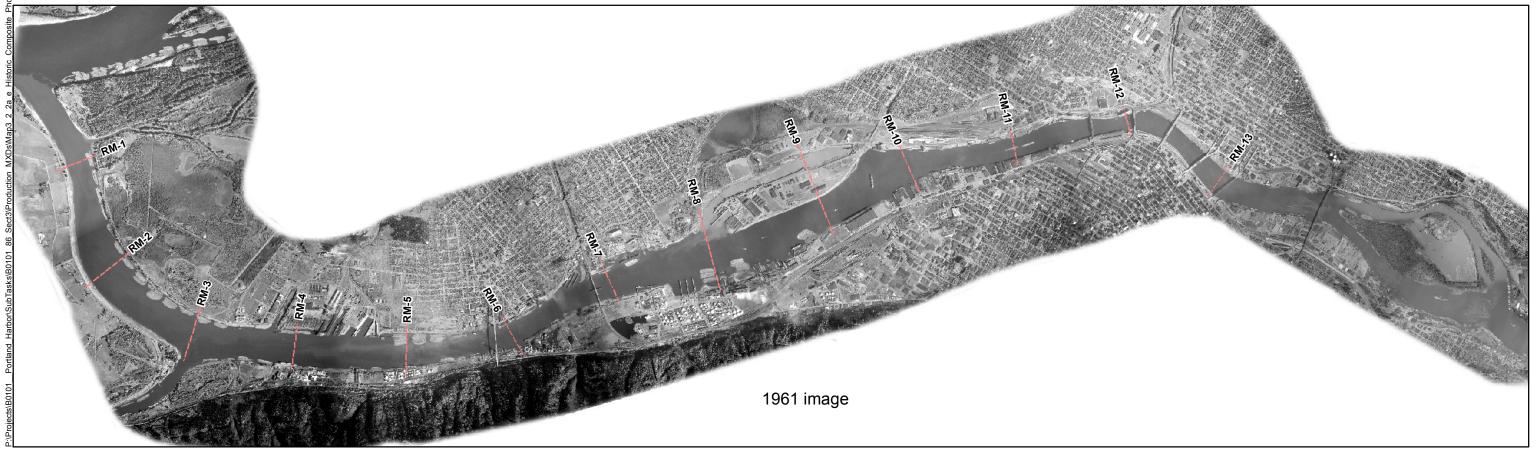
Map 3.2-1e
Portland Harbor RI/FS
Remedial Investigation Report
Land Zoning and Ownership



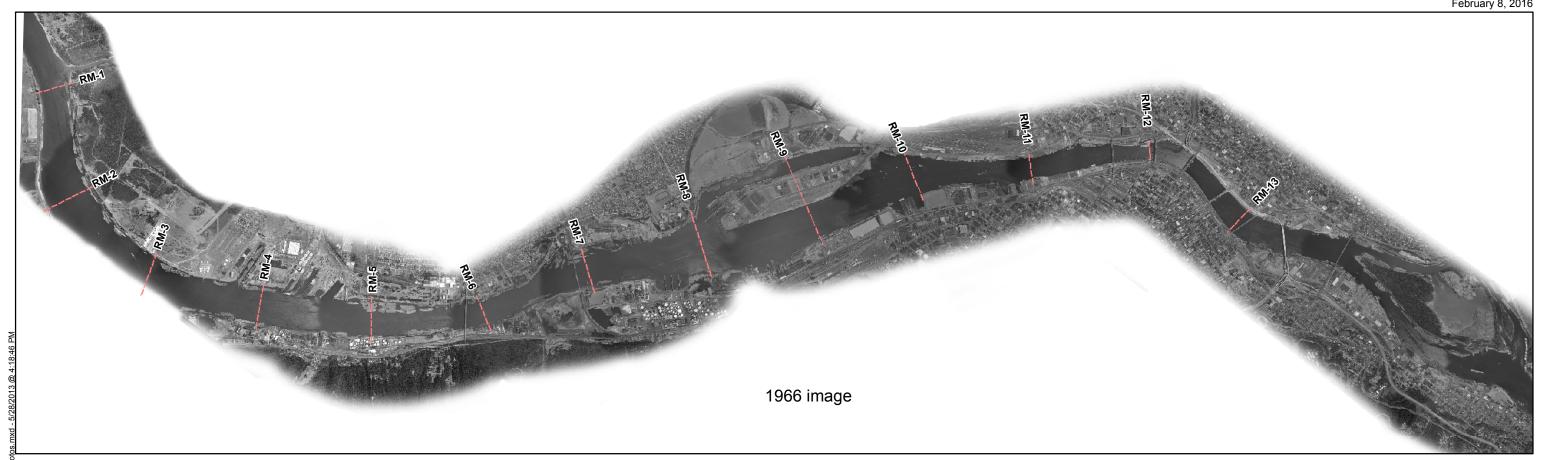


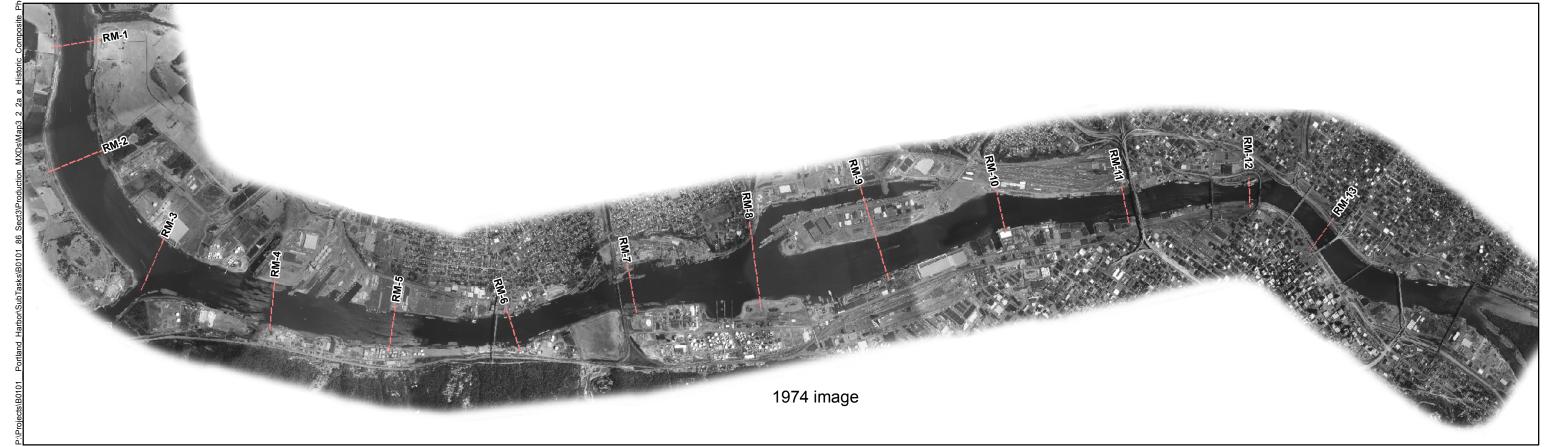
Note: Historic composite photo source: Port of Portland. No scale.



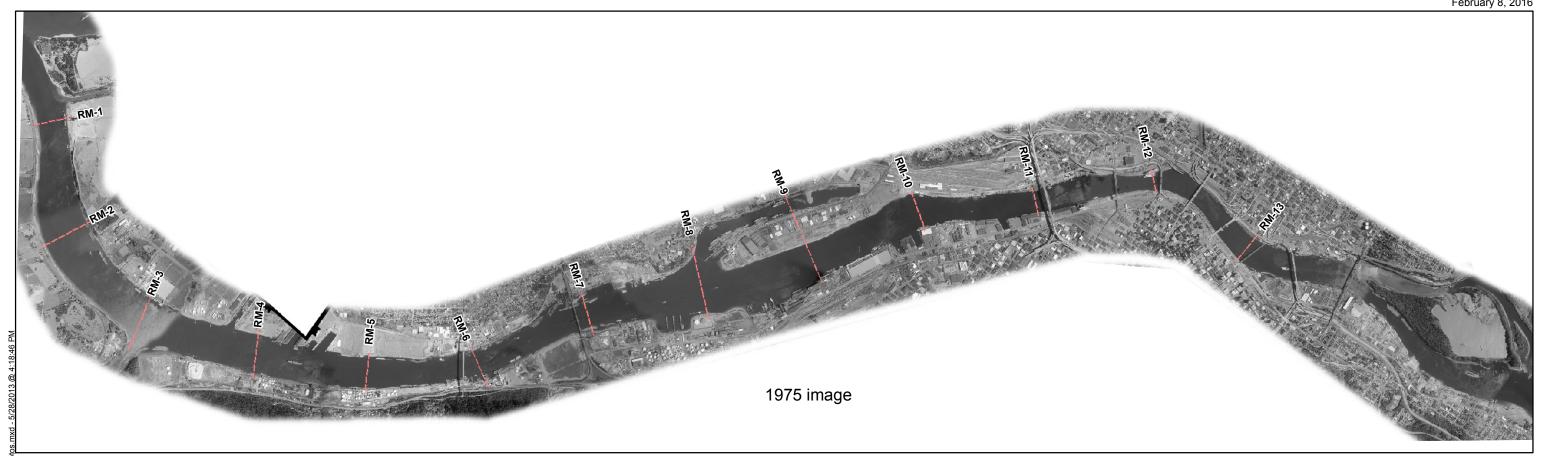


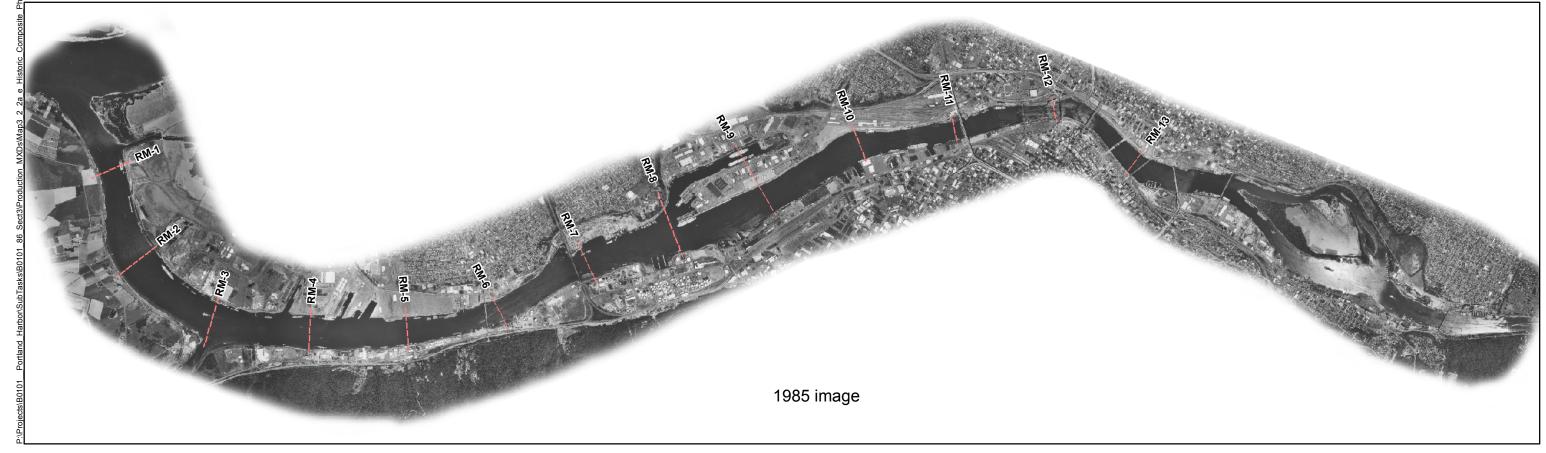
Note: Historic composite photo source: Port of Portland. No scale.



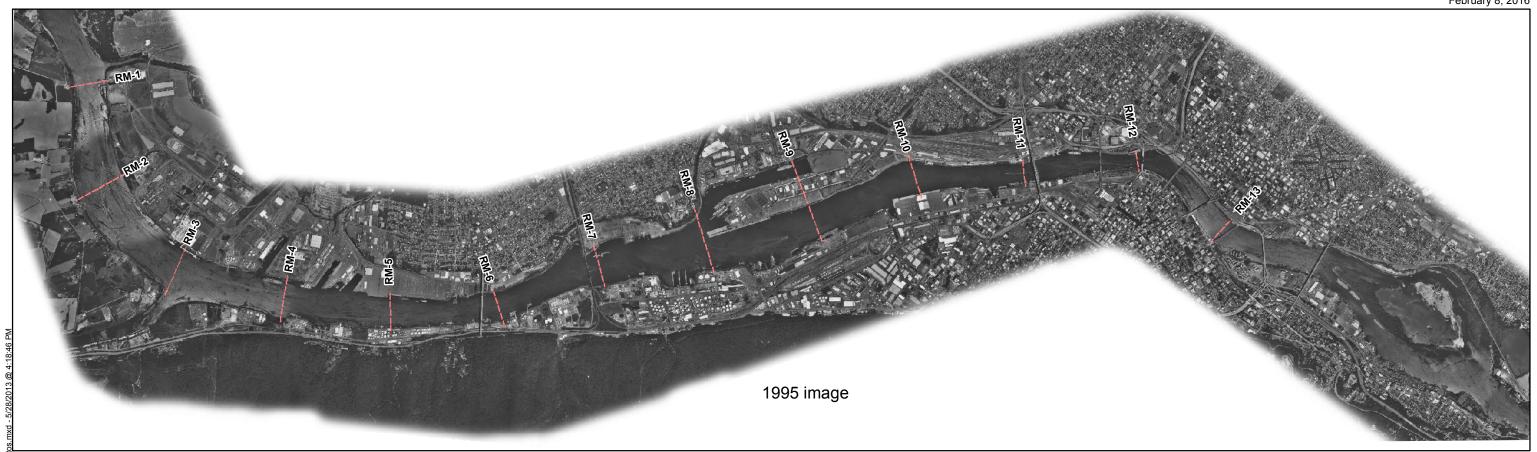


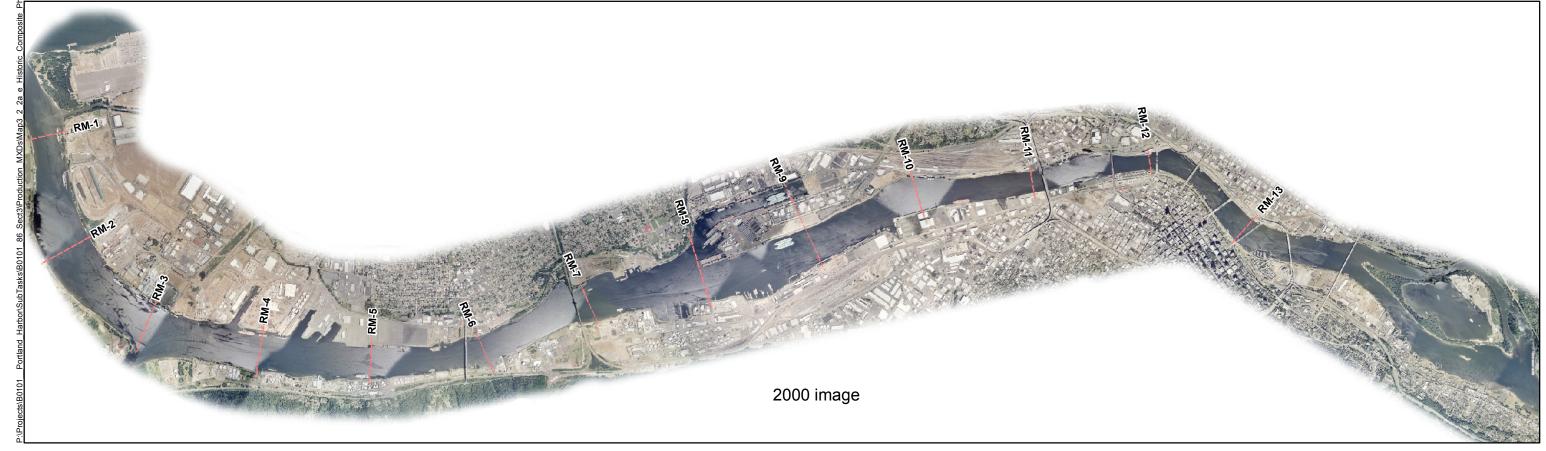
Note: Historic composite photo source: Port of Portland. No scale.



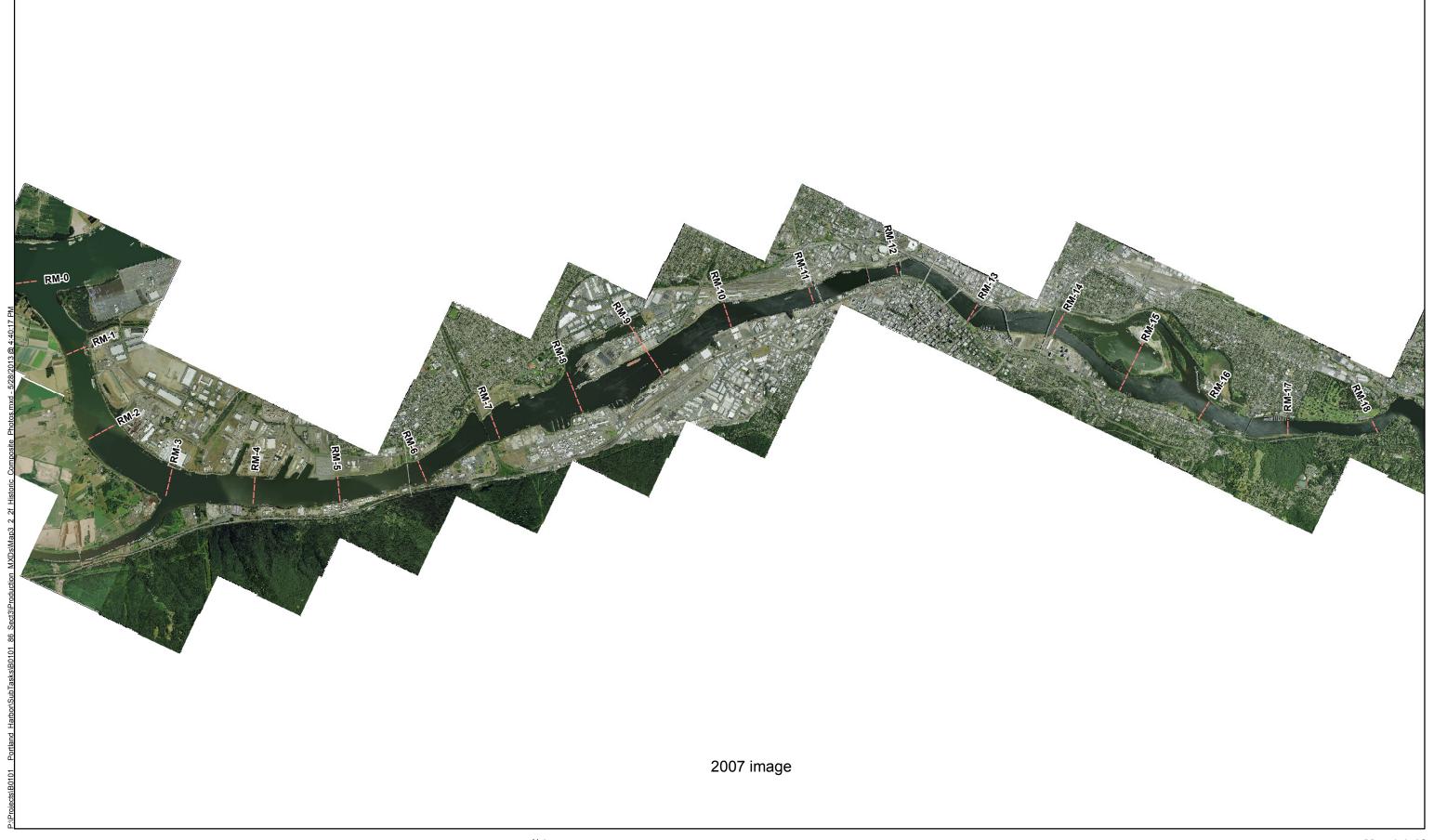


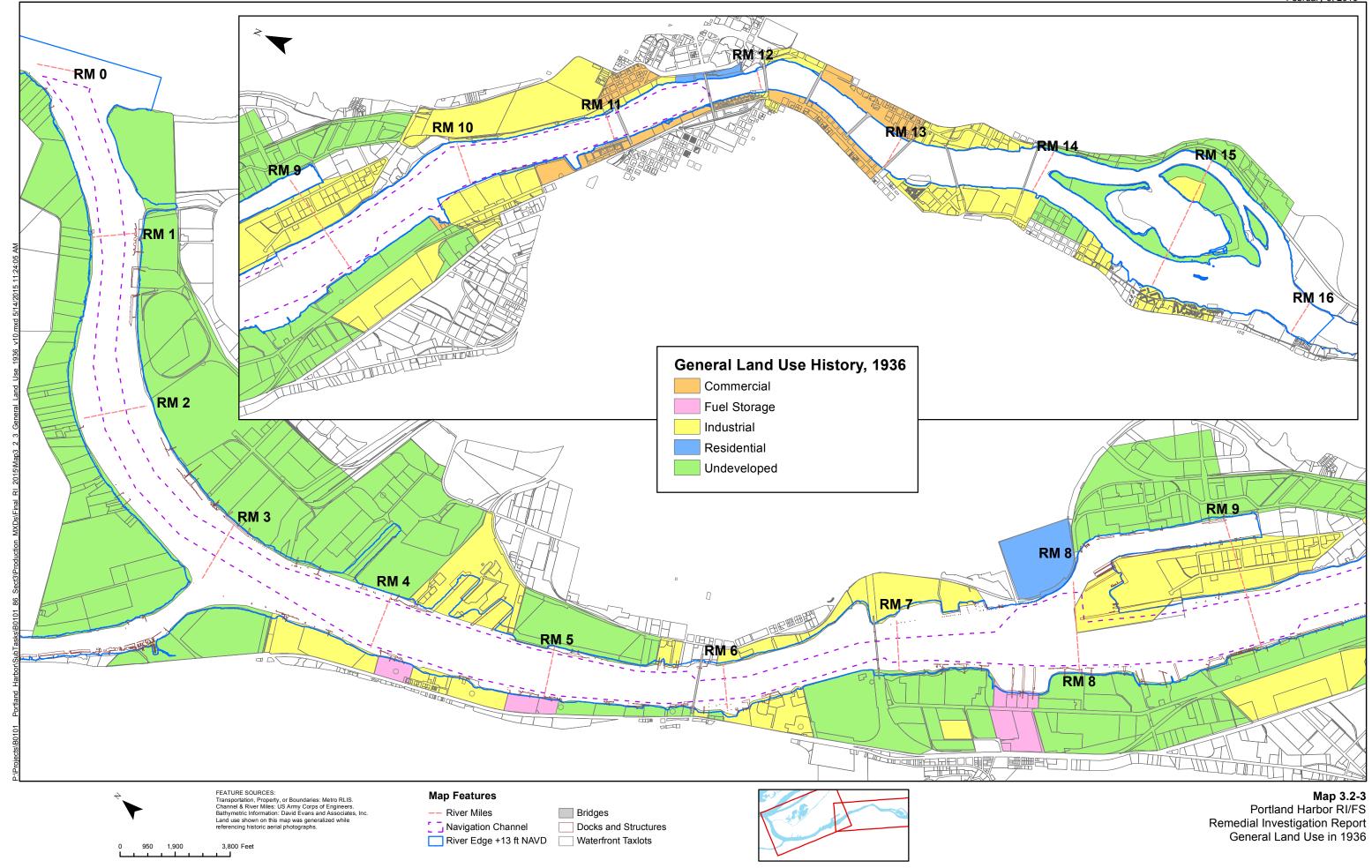
Note: Historic composite photo source: Port of Portland. No scale.

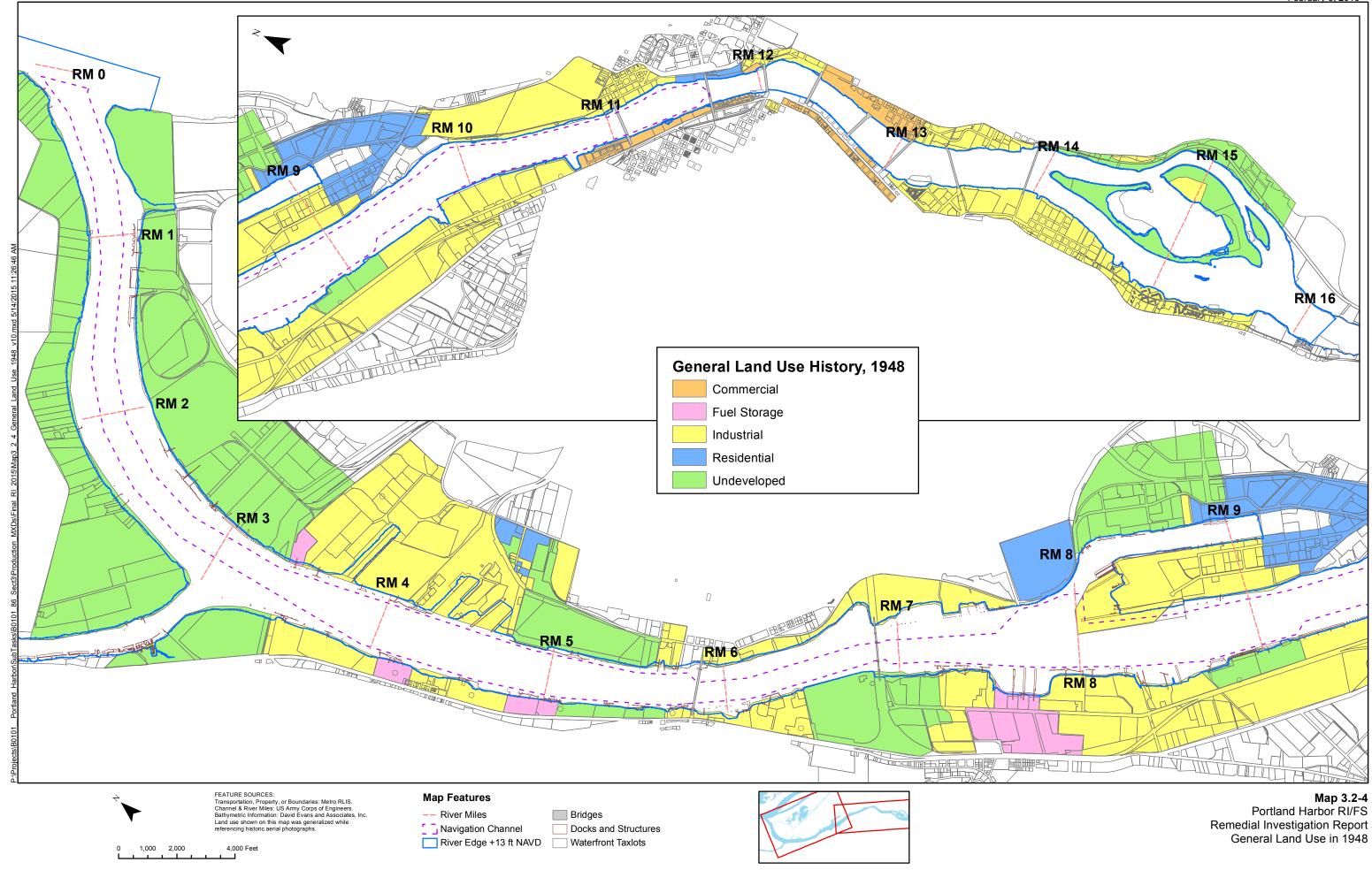


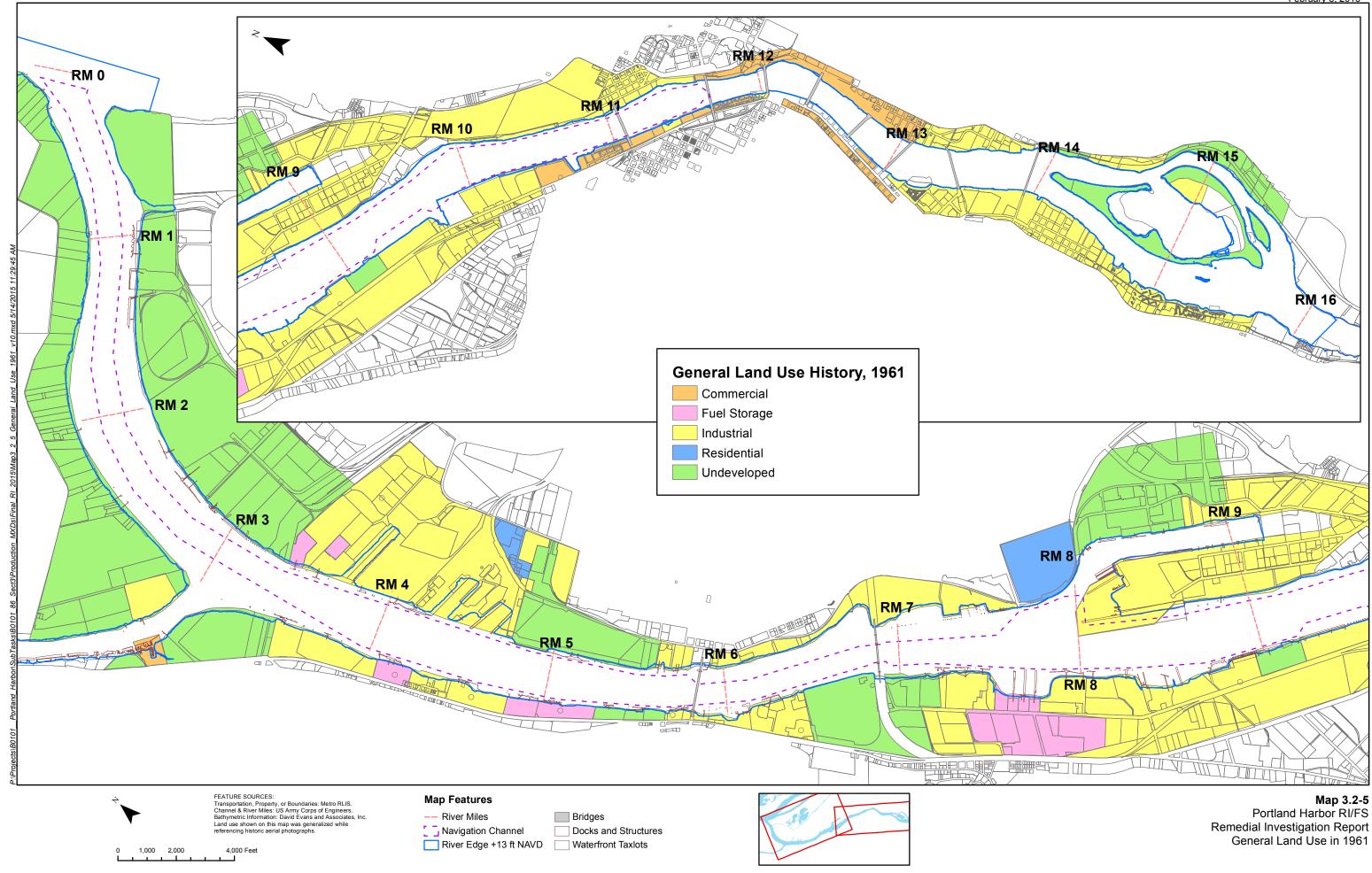


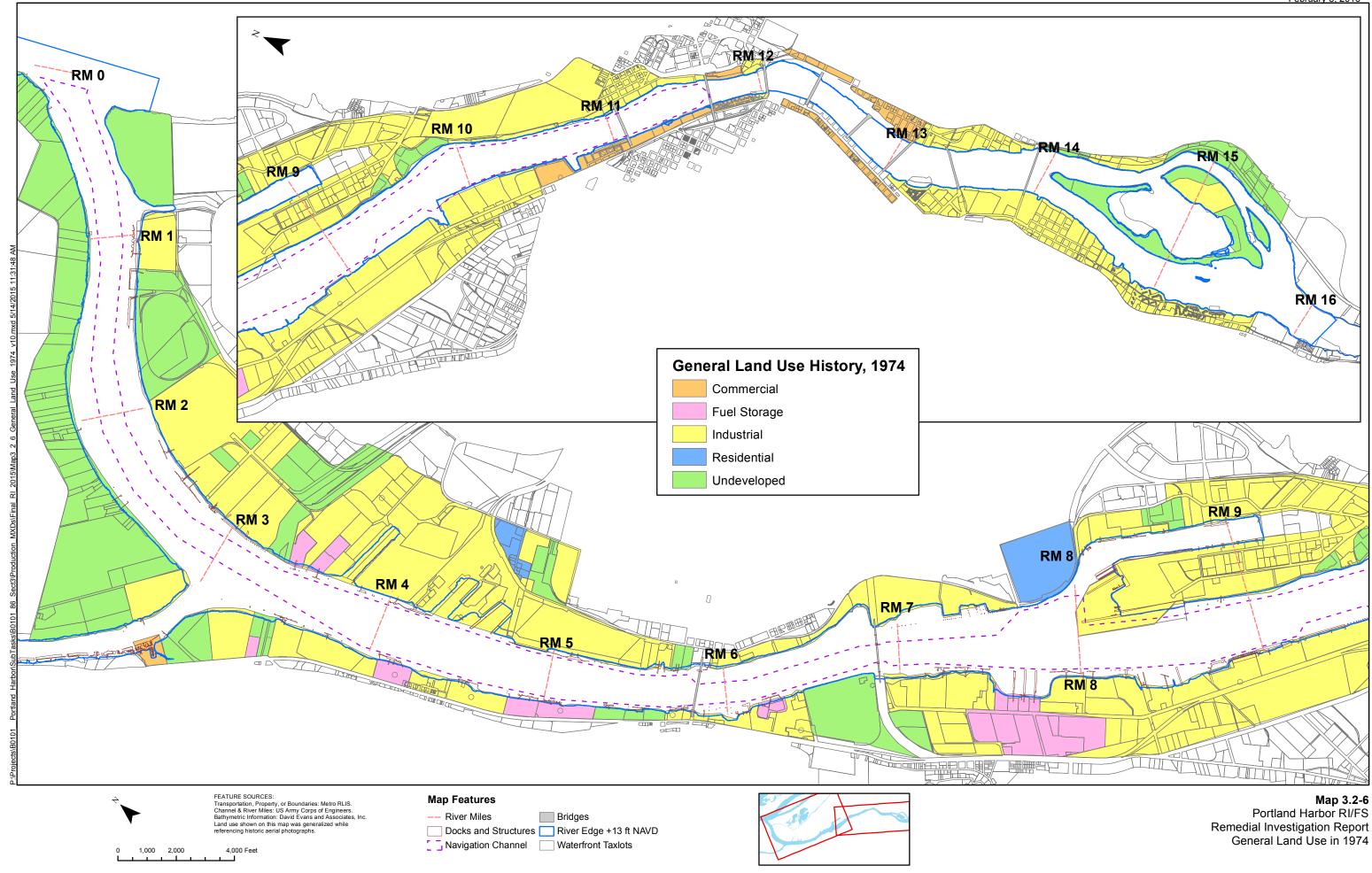
Note: Historic composite photo source: Port of Portland. No scale.

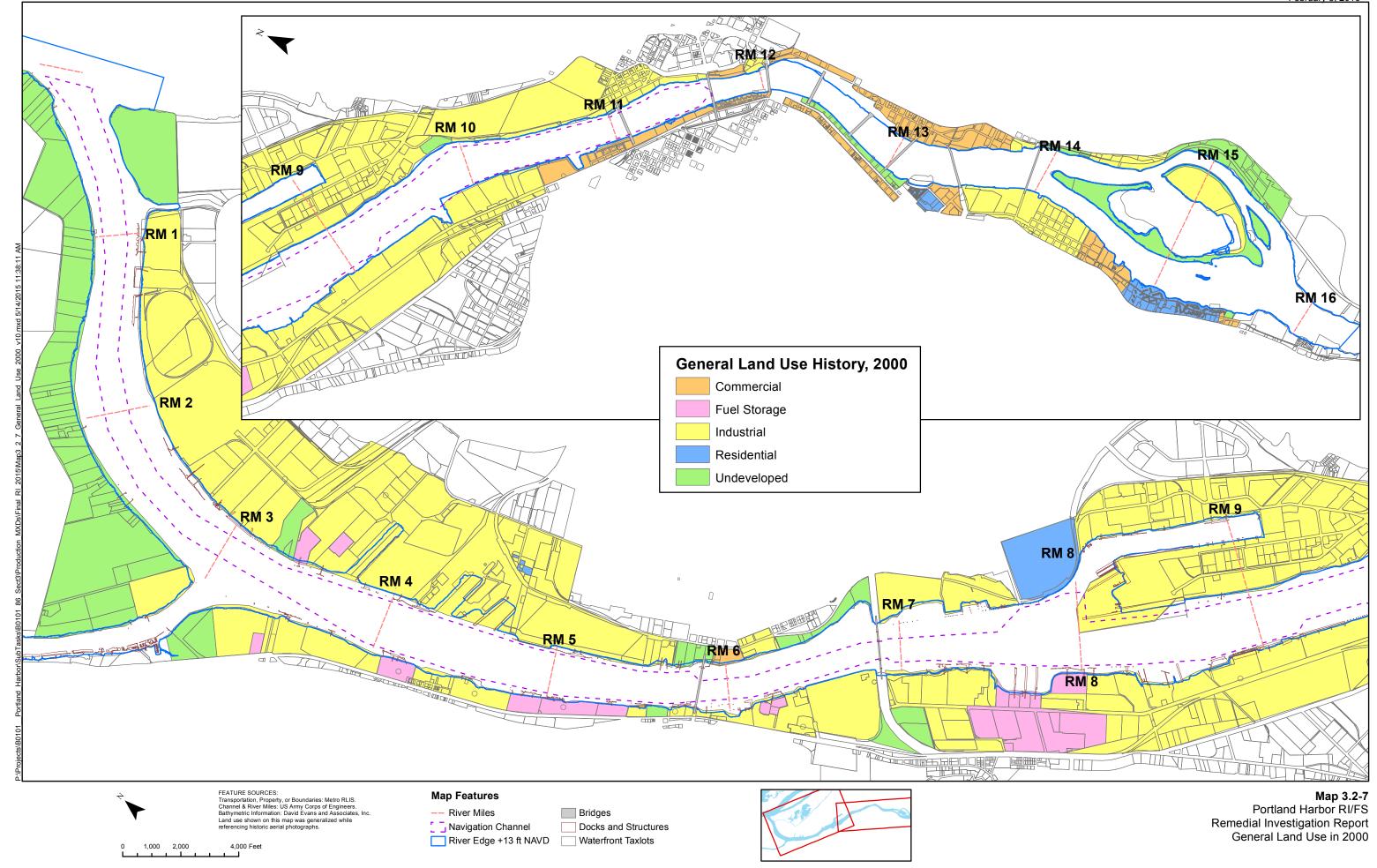


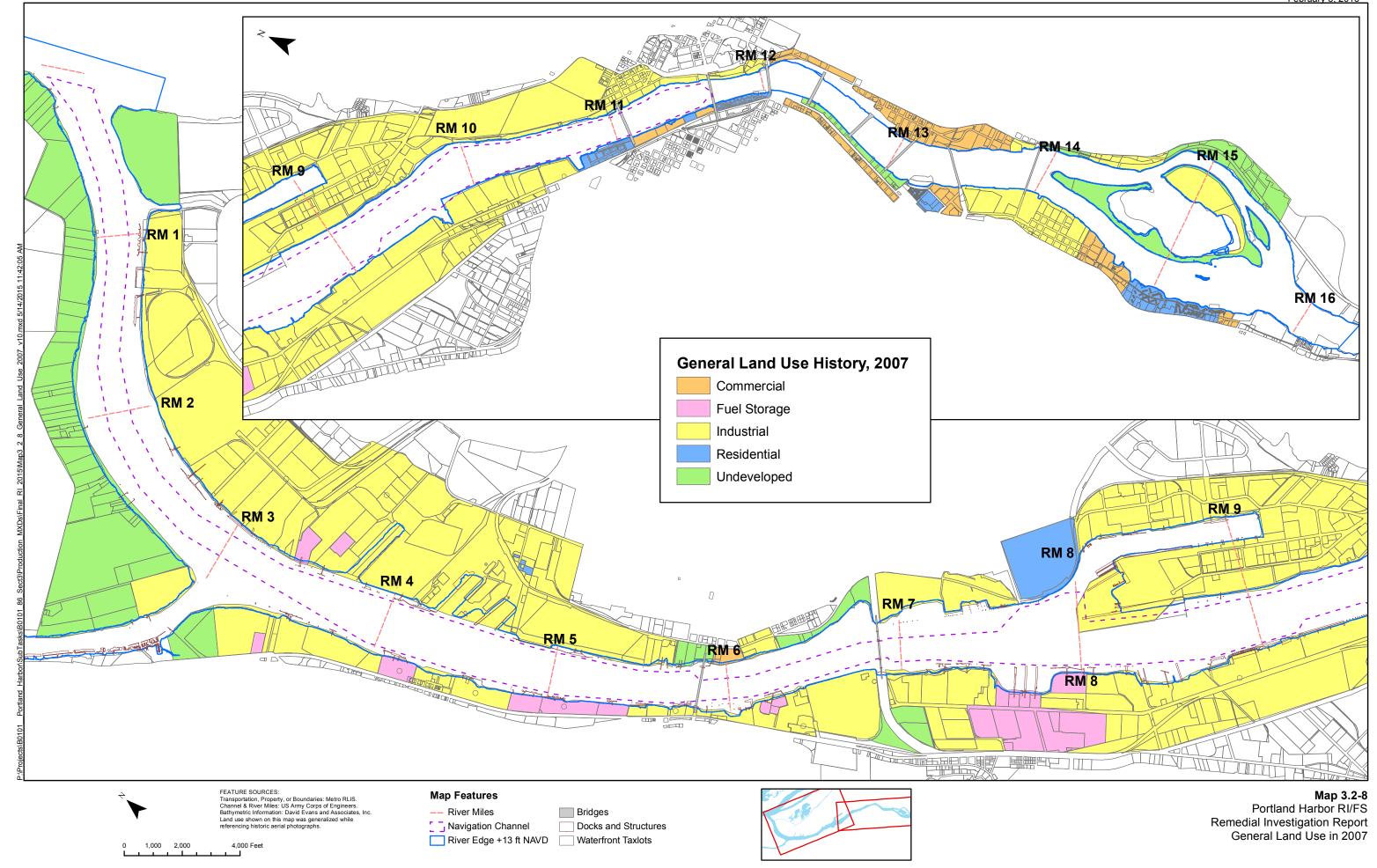












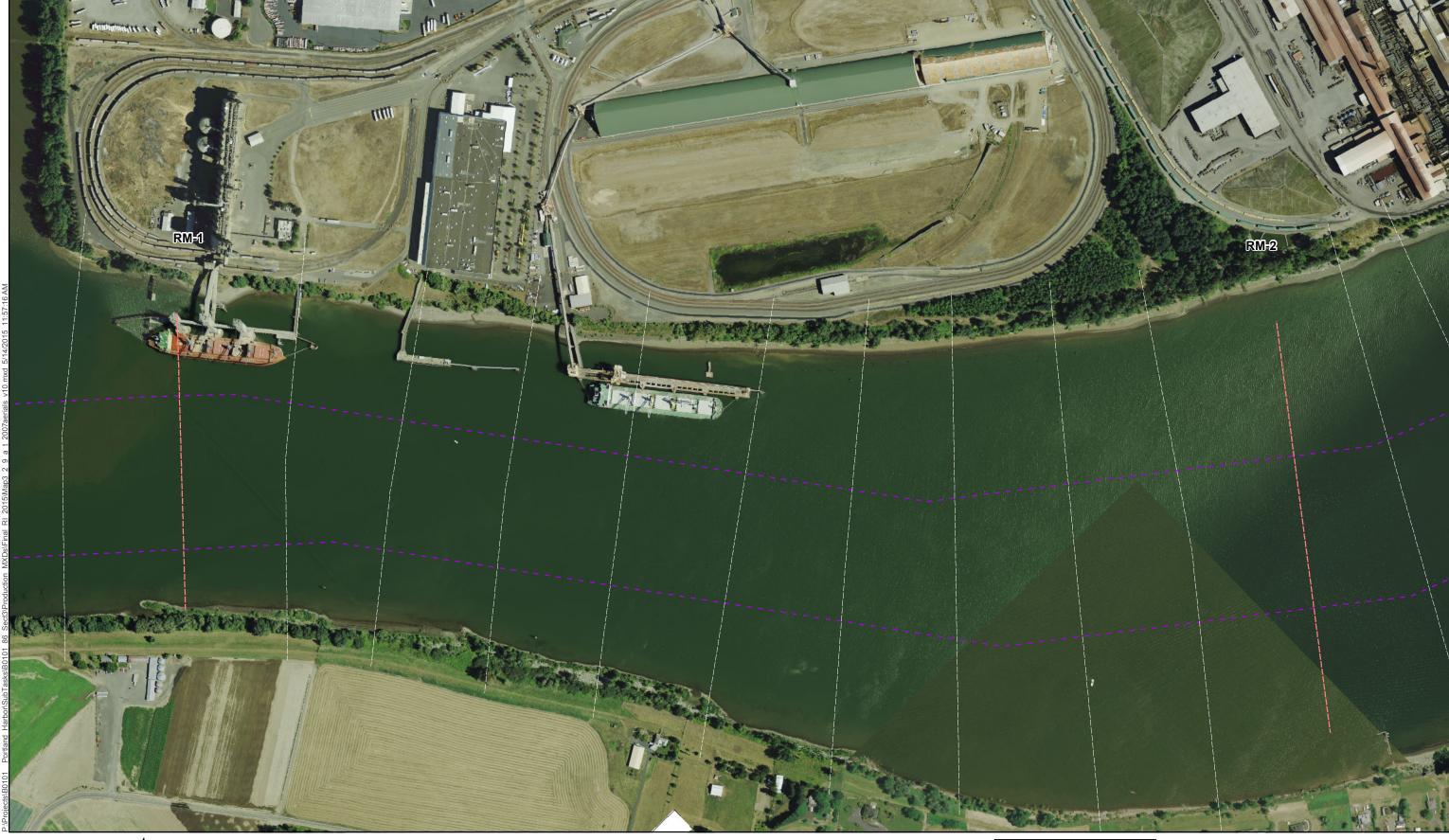


--- River Miles River Mile Tenths

Navigation Channel



Map 3.2-9a
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 00 to 01



1,000 Feet

Map Features

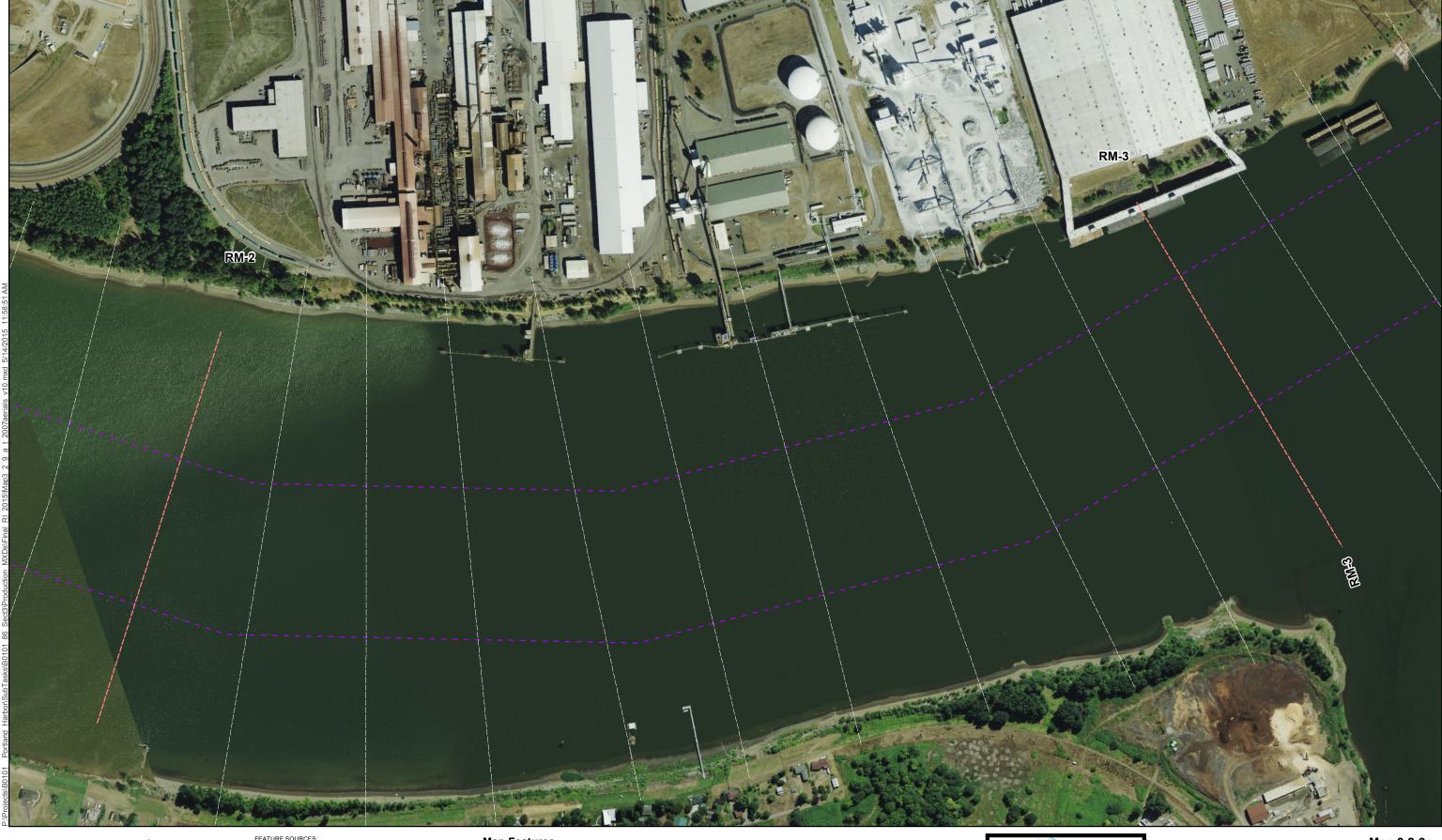
--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9b
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 01 to 02



FEATURE SOURCES:
Transportation, Property, or Boundaries: Metro RLIS.
Channel & River Miles: US Army Corps of Engineers.
Bathymetric Information: David Evans and Associates, Inc.

Map Features

--- River Miles

River Mile Tenths

Discrete Sources

River Mile Tenths

Navigation Channel



Map 3.2-9c
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 02 to 03



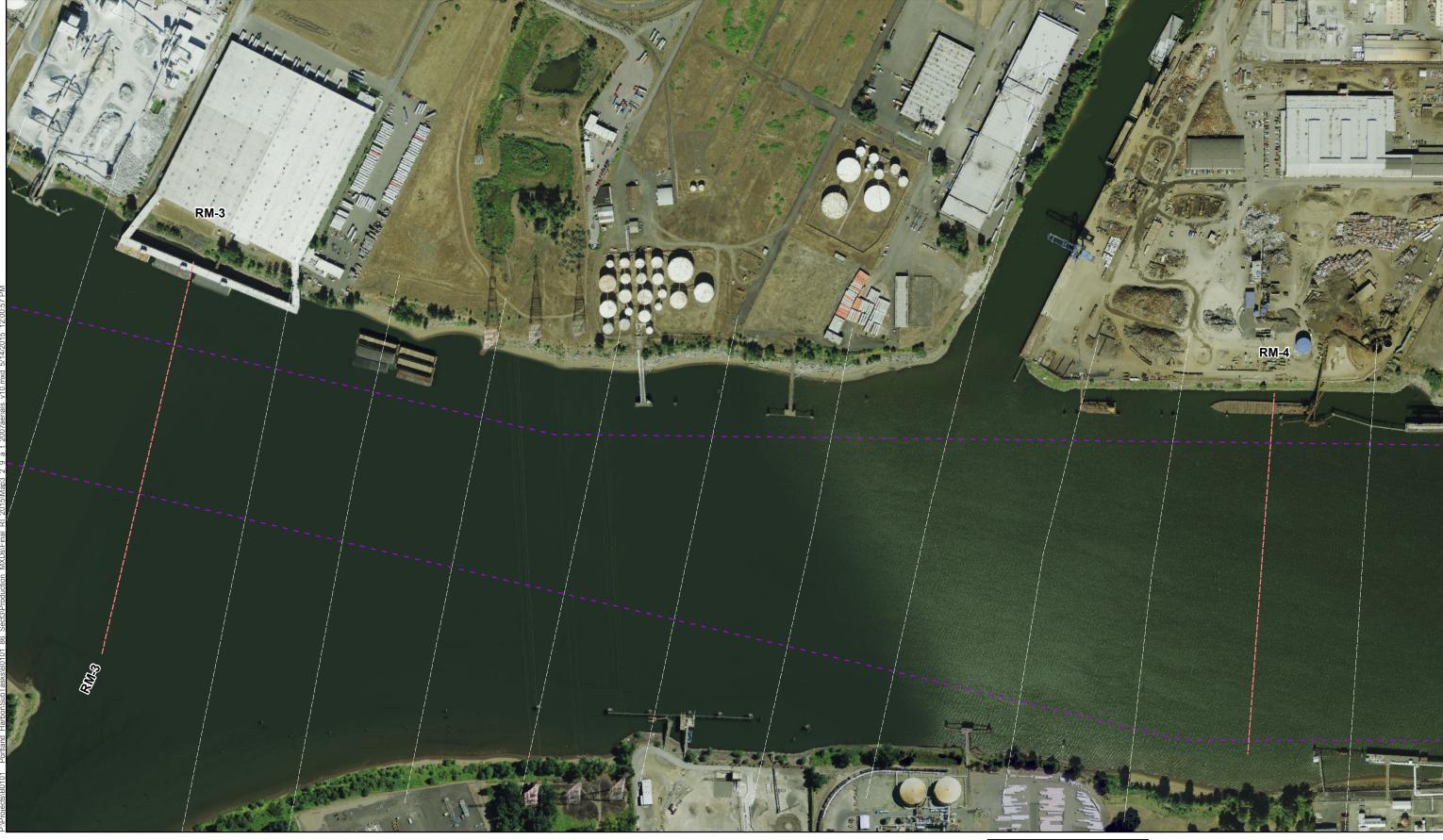
--- River Miles

1,000 Feet

River Mile Tenths

Navigation Channel

Map 3.2-9d Portland Harbor RI/FS Remedial Investigation Report 2007 Aerial Photos River Mile 03 - Multnomah Channel



>

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 Feet

Map Features

--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9e
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 03 to 04



1,000 Feet

Map Features

--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9f
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 04 - Slips



*

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 Feet

Map Features

--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9g
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 04 to 05



1,000 Feet

Map Features

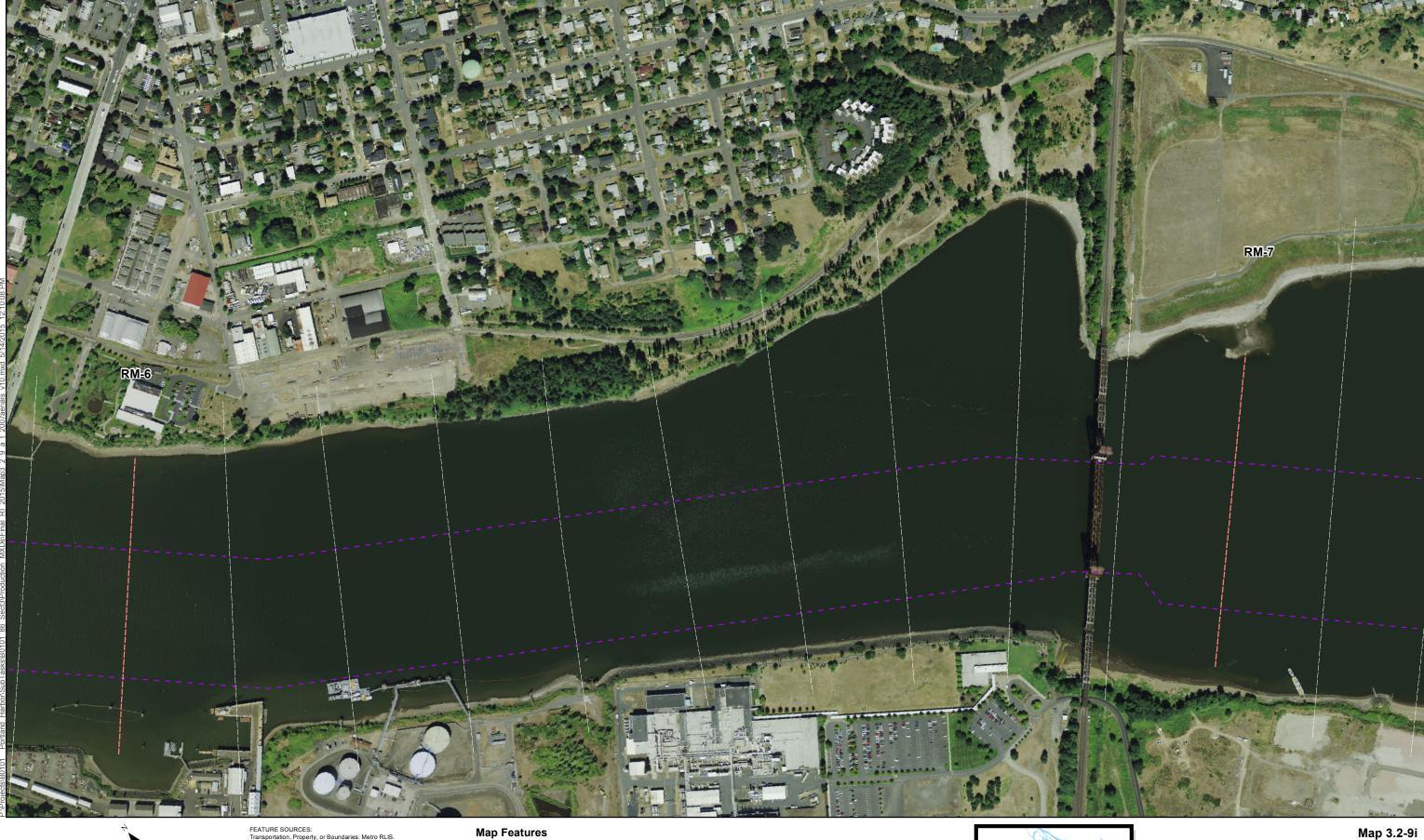
--- River Miles

River Mile Tenths

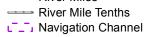
Navigation Channel



Map 3.2-9h
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 05 to 06



--- River Miles





Map 3.2-9i
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 06 to 07



Map Features

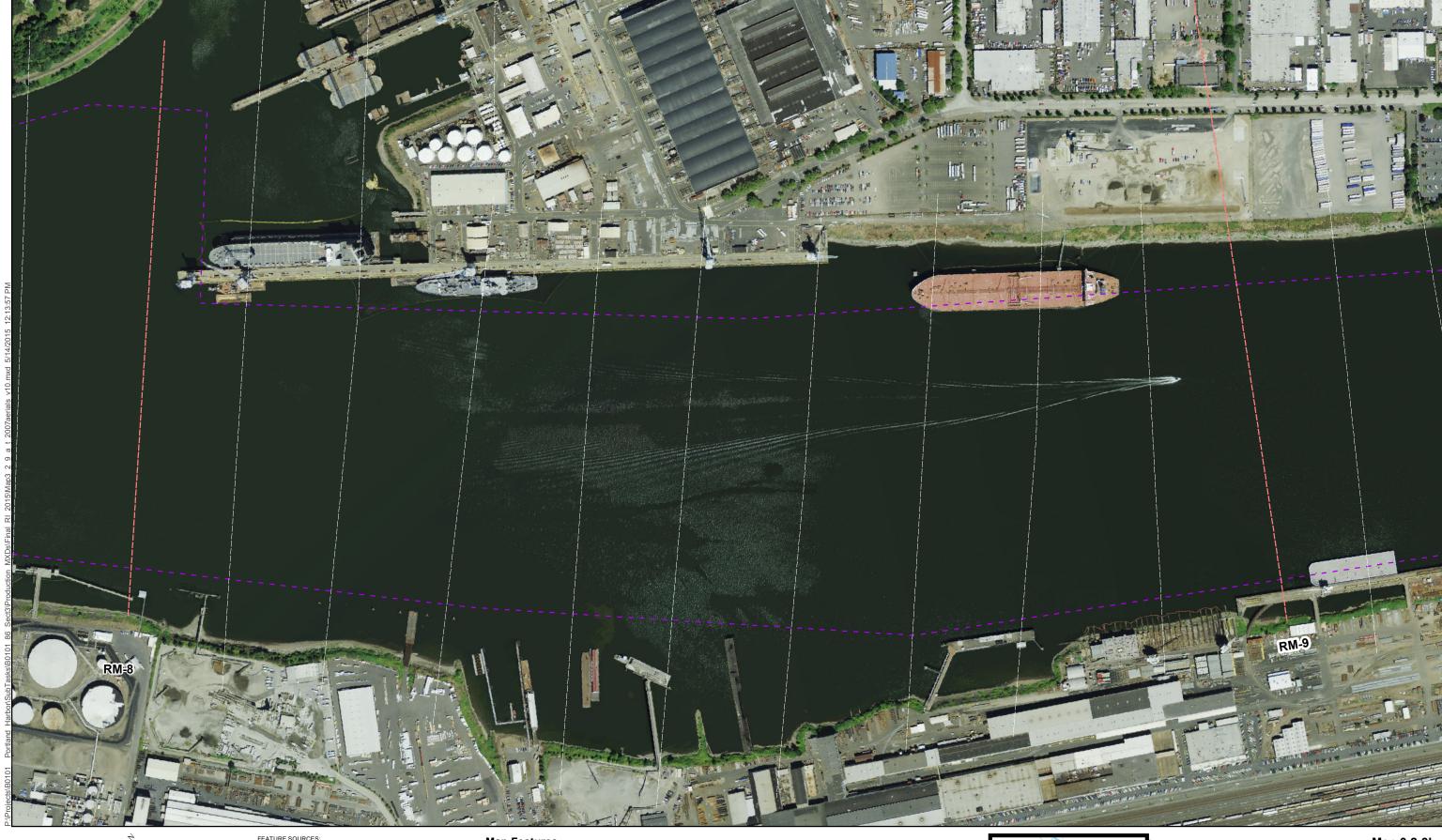
--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9j
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 07 to 08



+

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 F

Map Features

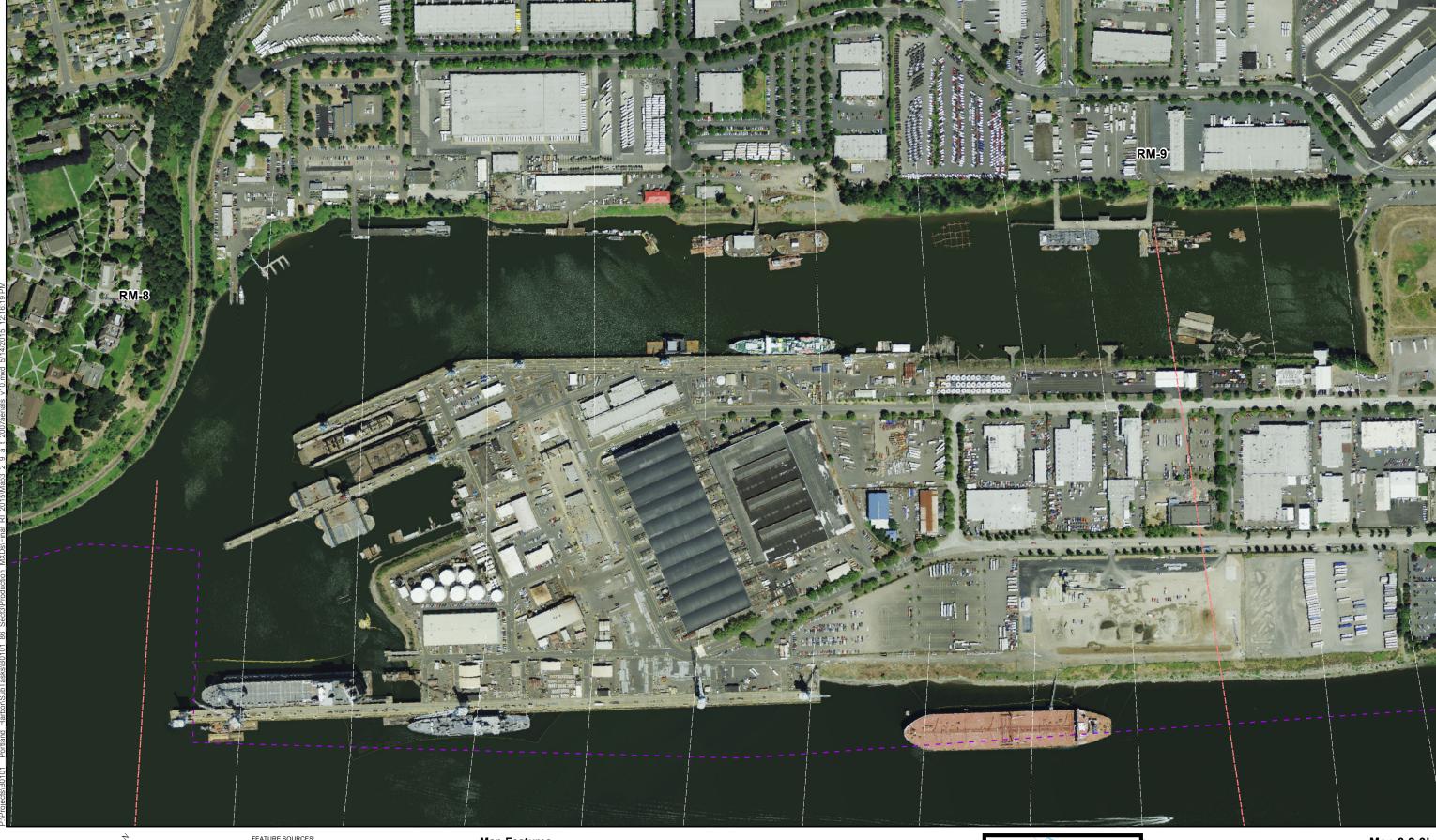
--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9k
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 08 to 09 - Swan Island



+

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

500 1,000 Feet

Map Features

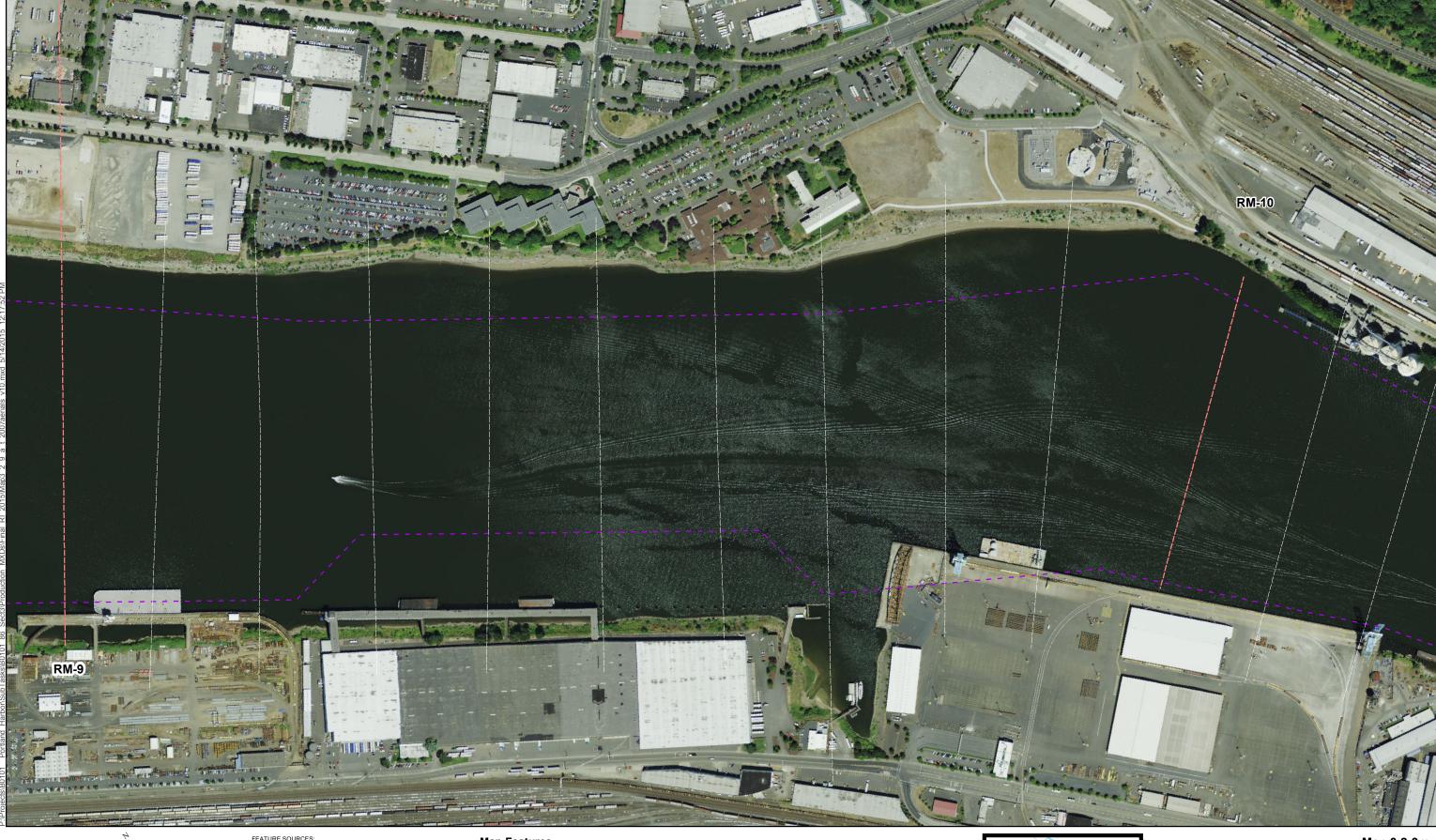
--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9I
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 08 to 09 - Swan Island



*

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 Feet

Map Features

--- River Miles

River Mile Tenths

L___ Navigation Channel



Map 3.2-9m
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 09 to 10



1,000 Feet

Map Features

--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9n
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 10 to 11



1,000 Feet

Map Features

--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9o
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 11 to 12



z 🚄

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 Feet

Map Features

--- River Miles

River Mile Tenths

Navigation Channel



Map 3.2-9p
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 12 to 13



z 🗨

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 Feet

Map Features

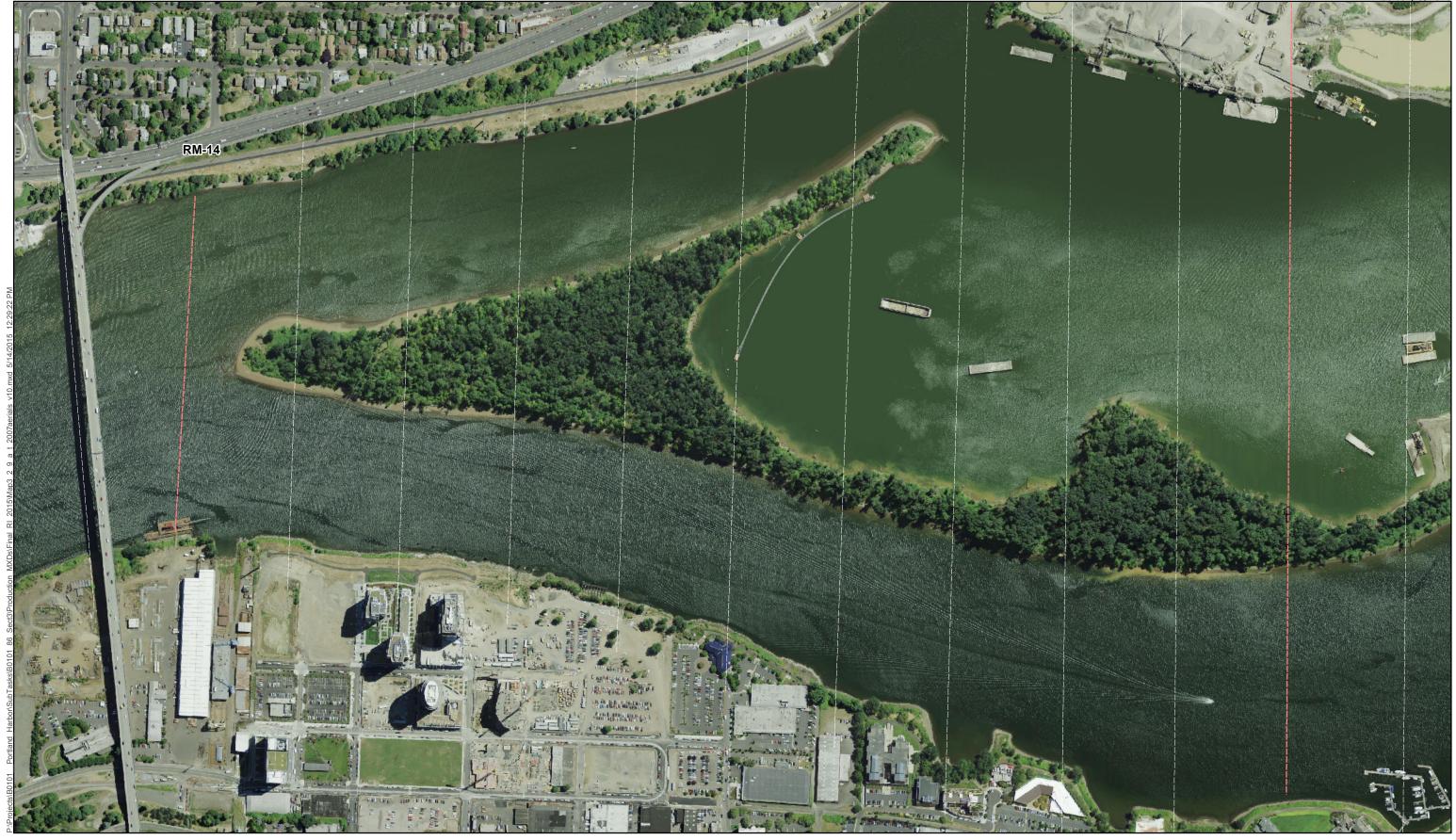
--- River Miles

River Mile Tenths

L___ Navigation Channel



Map 3.2-9q
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 13 to 14



z 🚄

FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 F

Map Features

--- River Miles

River Mile Tenths

L___ Navigation Channel



Map 3.2-9r
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 14 to 15



--- River Miles River Mile Tenths

Navigation Channel



Map 3.2-9s
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos River Mile 15 - Ross Island





FEATURE SOURCES: Transportation, Property, or Boundaries: Metro RLIS. Channel & River Miles: US Army Corps of Engineers. Bathymetric Information: David Evans and Associates, Inc.

0 500 1,000 F.

Map Features

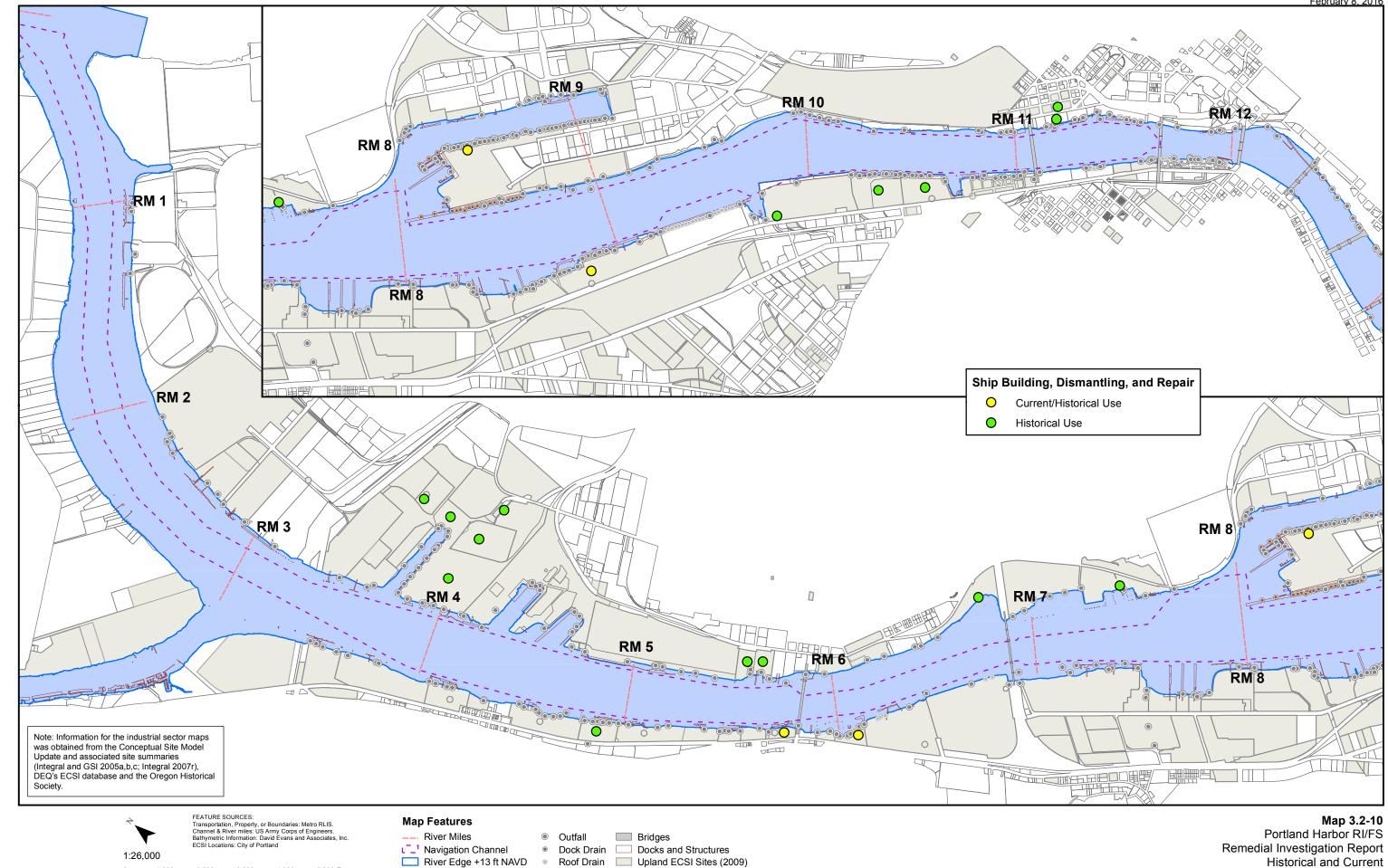
--- River Miles
--- River Mile Tenths
--- Navigation Channel



Map 3.2-9t
Portland Harbor RI/FS
Remedial Investigation Report
2007 Aerial Photos
River Mile 15 to 16

Ship Building, Dismantling, and Repair

in the Portland Harbor Study Area



Waterfront Taxlots

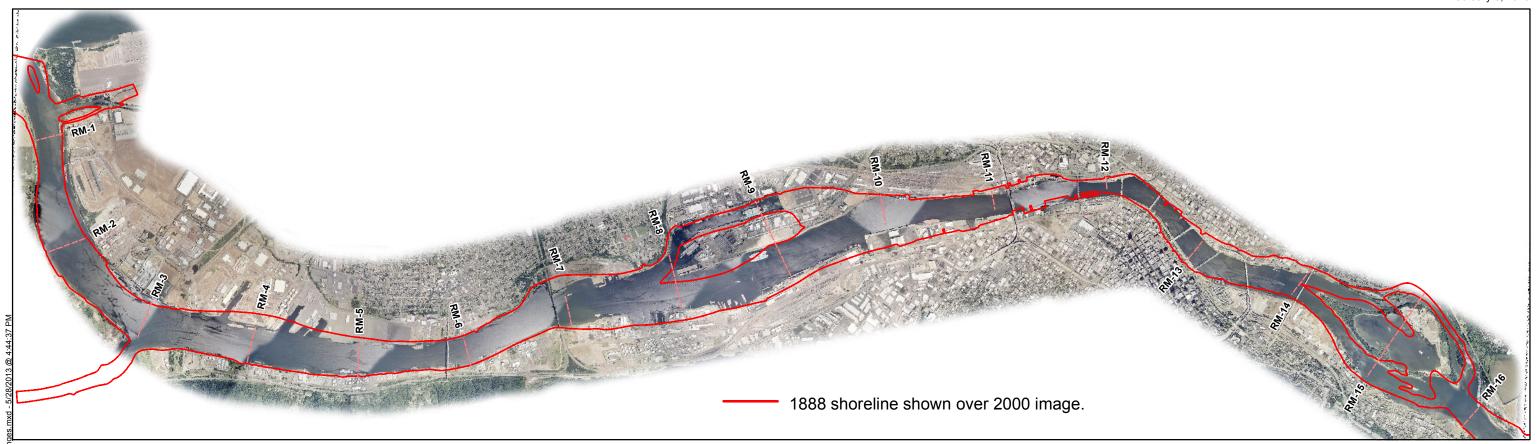
2,000

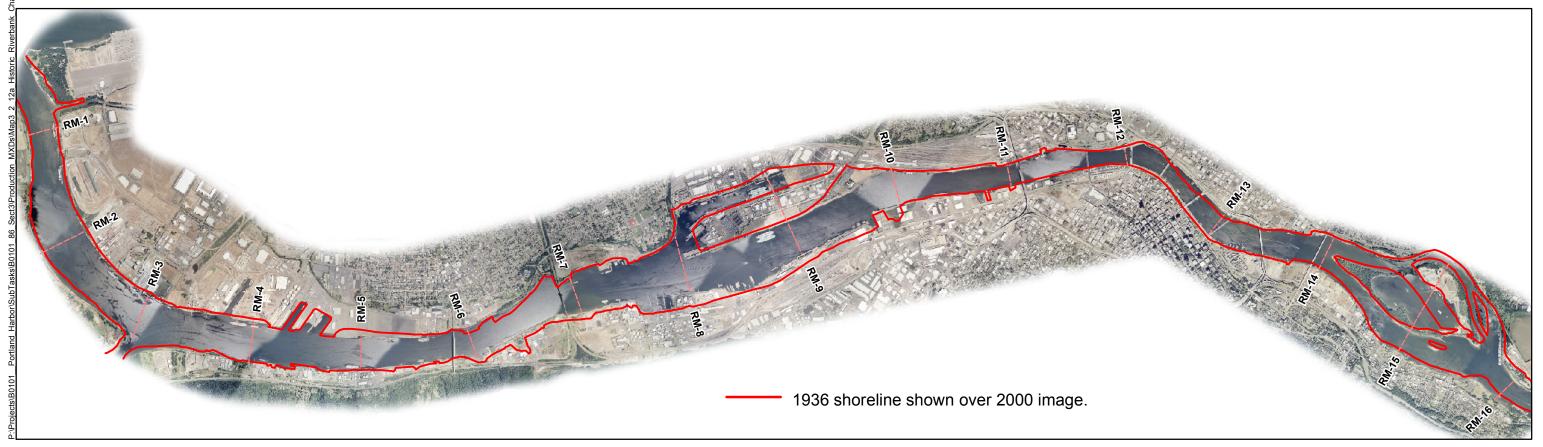
3,000

4,000



Map 3.2-11
Portland Harbor RI/FS
Remedial Investigation Report
Configuration of the Willamette River from RM 1 to RM 13 in 1888





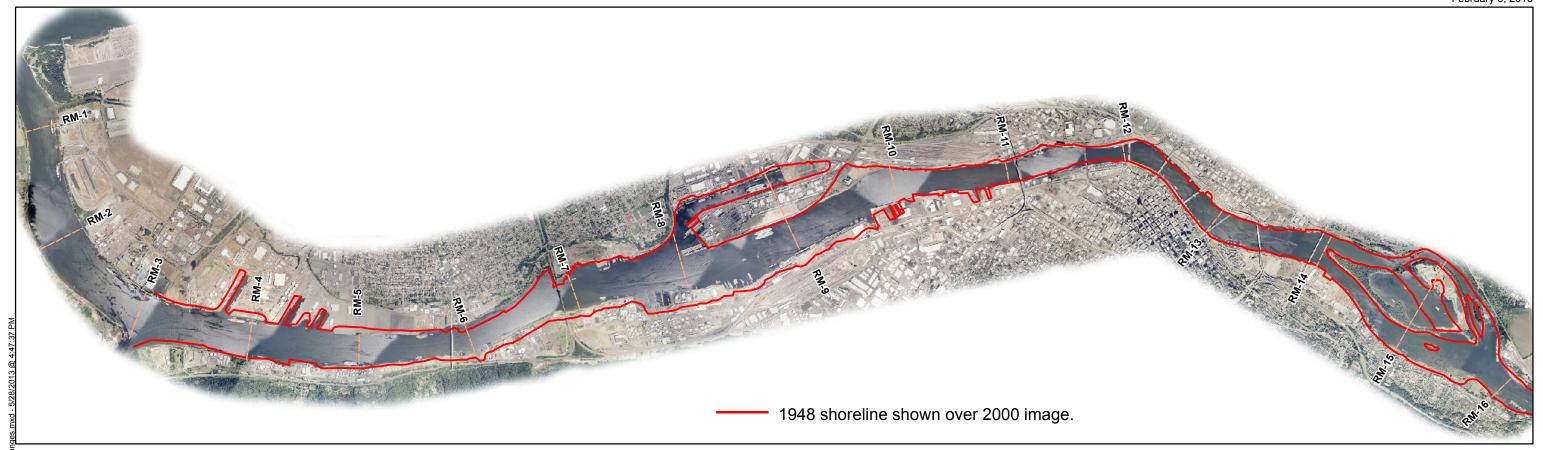


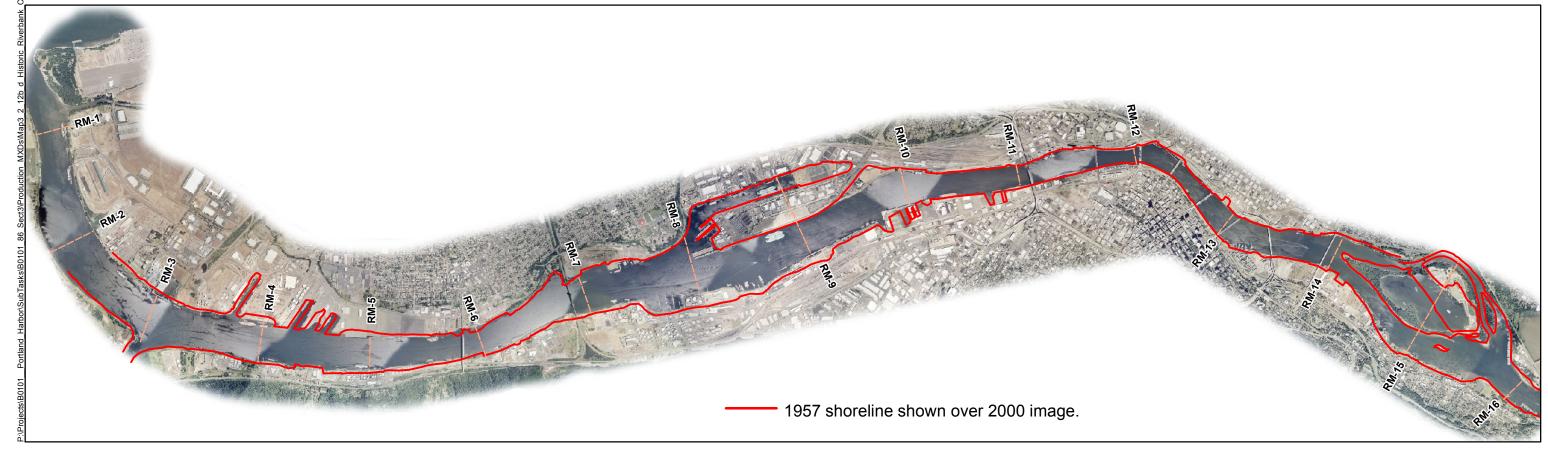
Note:
The red shorelines in this series were drawn while referencing historic aerial photos as indicated. Relative positions are approximate. Historic composite photos were fit visually to match relatively unchanged areas common through time.
2000 color orthophoto obtained from Port of Portland. No scale.

Map Features

--- Historic Shoreline

-- River Miles







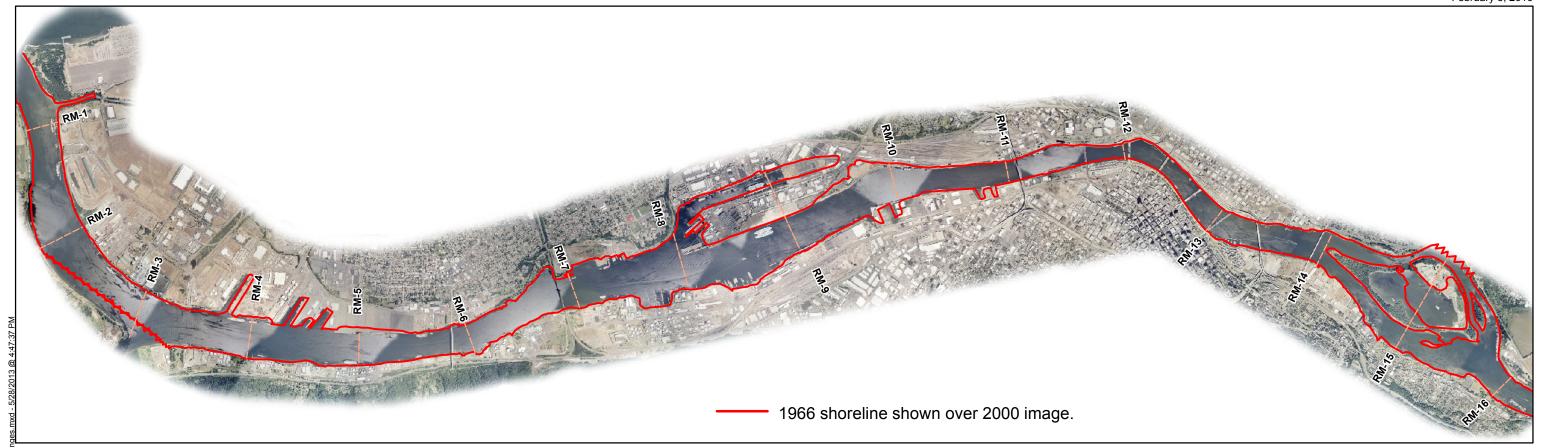
The red shorelines in this series were drawn while referencing historic aerial photos as indicated. Relative positions are approximate. Historic composite photos were fit visually to match relatively unchanged areas common through time.

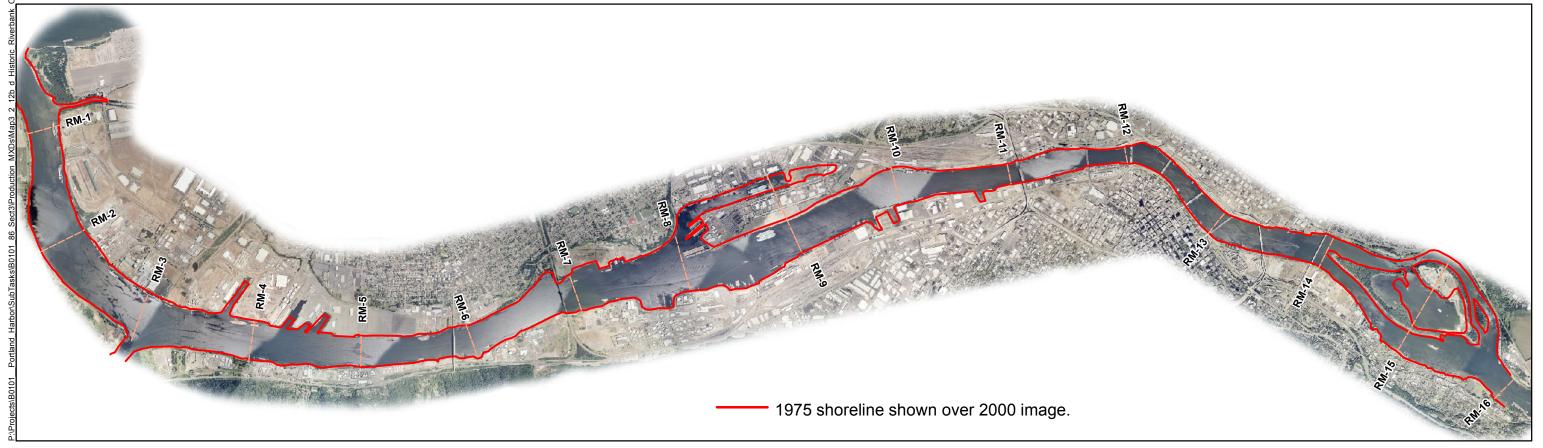
2000 color orthophoto obtained from Port of Portland.

Map Features

-- River Miles

— Historic Shoreline







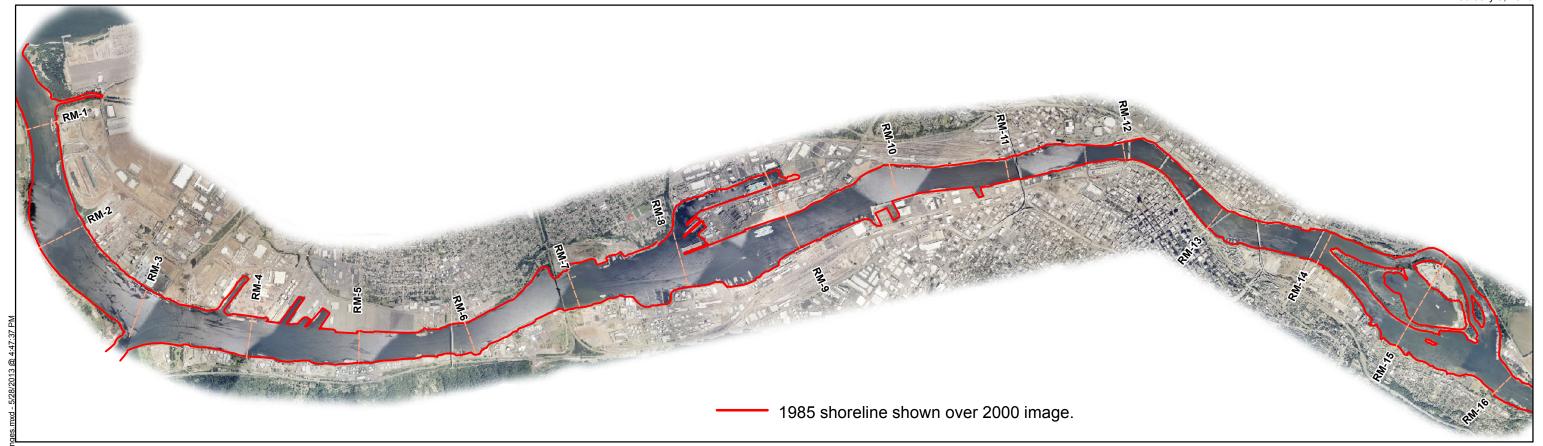
The red shorelines in this series were drawn while referencing historic aerial photos as indicated. Relative positions are approximate. Historic composite photos were fit visually to match relatively unchanged areas common through time.

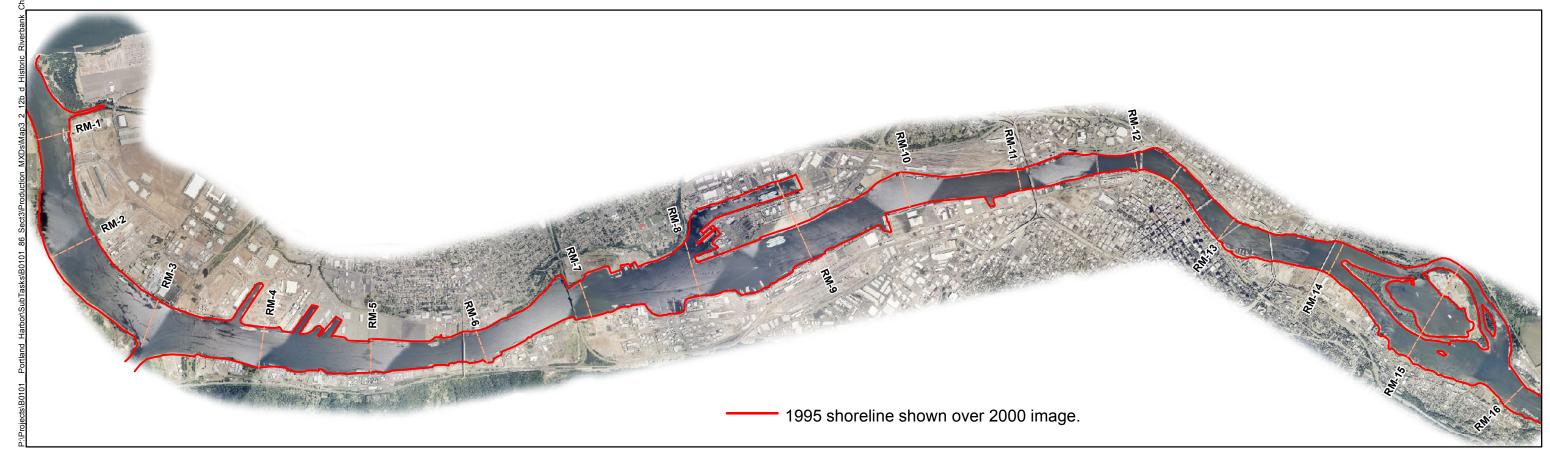
2000 color orthophoto obtained from Port of Portland.

Map Features

-- River Miles

- Historic Shoreline







The red shorelines in this series were drawn while referencing historic aerial photos as indicated. Relative positions are approximate. Historic composite photos were fit visually to match relatively unchanged areas common through time.

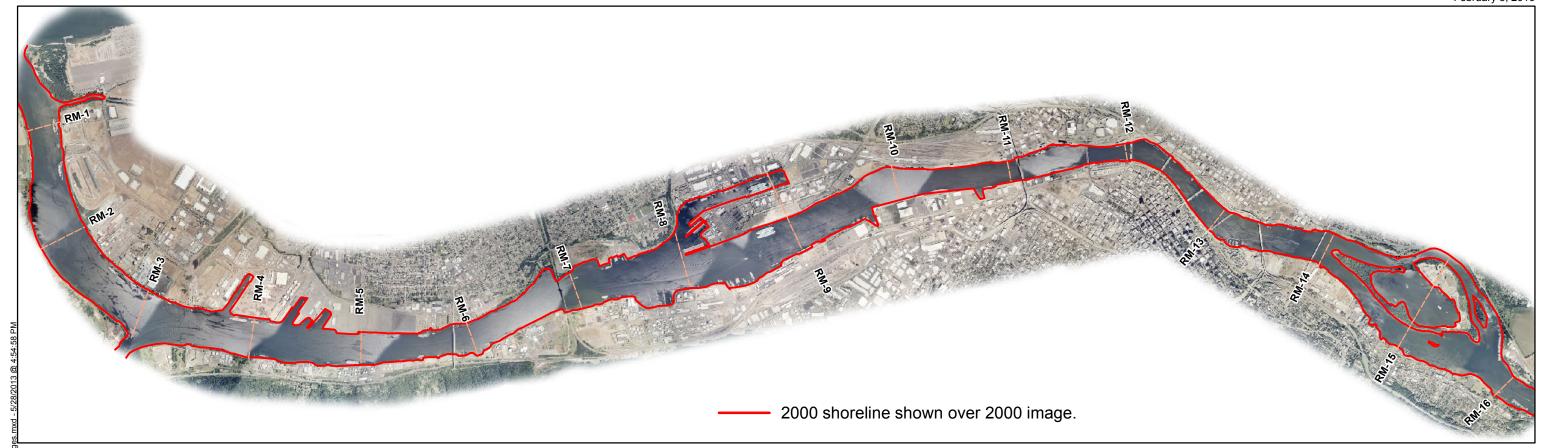
2000 color orthophoto obtained from Port of Portland.

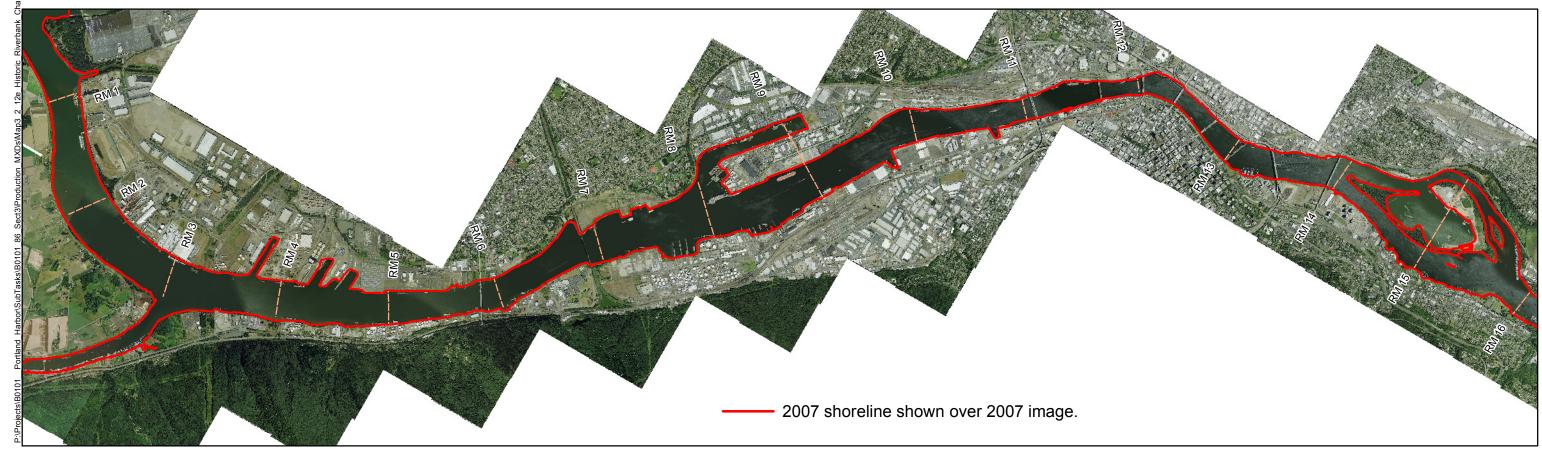
Map Features

-- River Miles

- Historic Shoreline

Map 3.2-12d
Portland Harbor RI/FS
Remedial Investigation Report
Historic Riverbank Changes







The red shorelines in this series were drawn while referencing historic aerial photos as indicated. Relative positions are approximate. Historic composite photos were fit visually to match relatively unchanged areas common through time.

2000 color orthophoto obtained from Port of Portland.

2007 photo source: Metro RLIS

Map Features

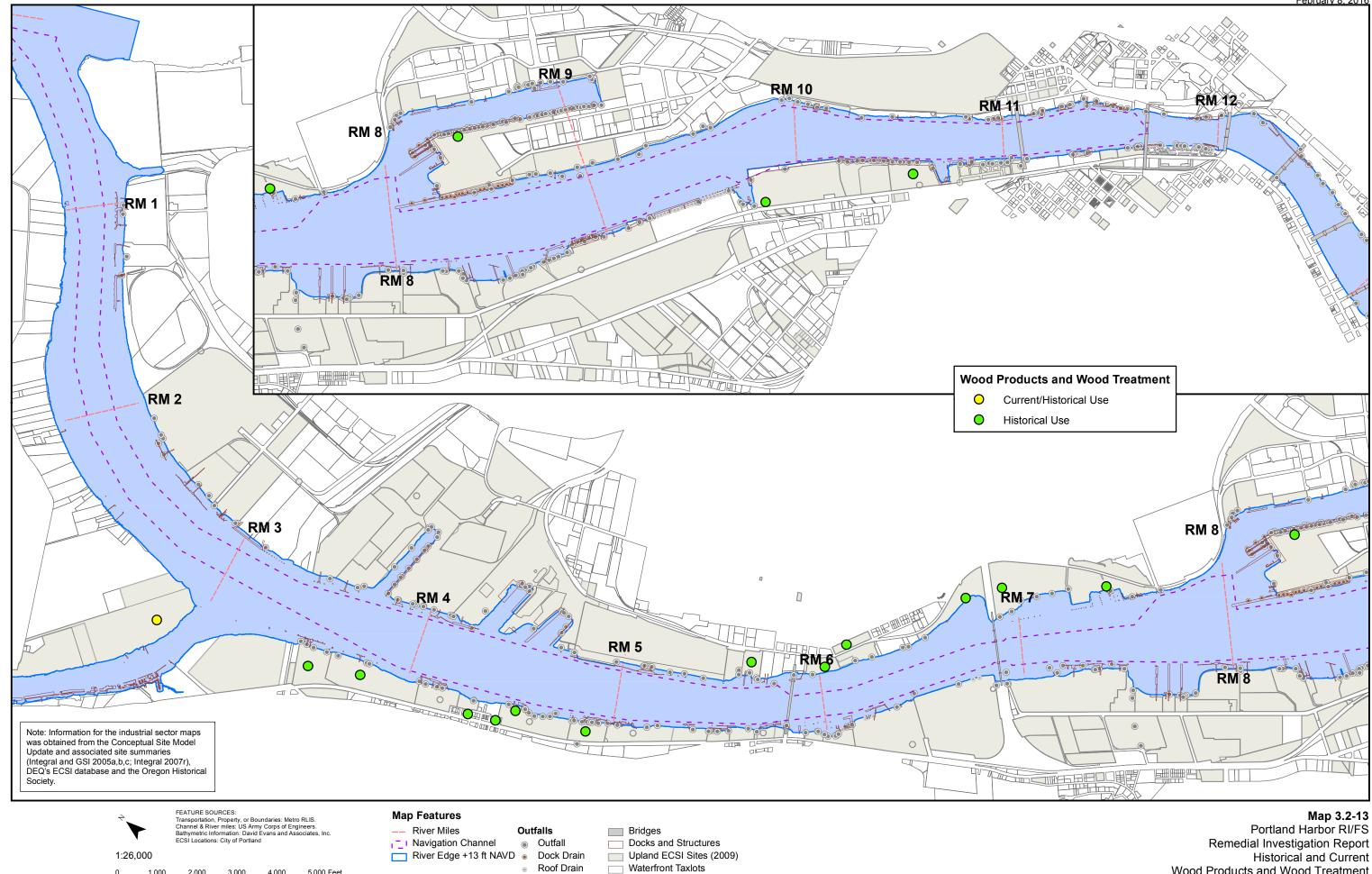
- Historic Shoreline

-- River Miles

Map 3.2-12e
Portland Harbor RI/FS
Remedial Investigation Report
Historic Riverbank Changes

Wood Products and Wood Treatment

in the Portland Harbor Study Area



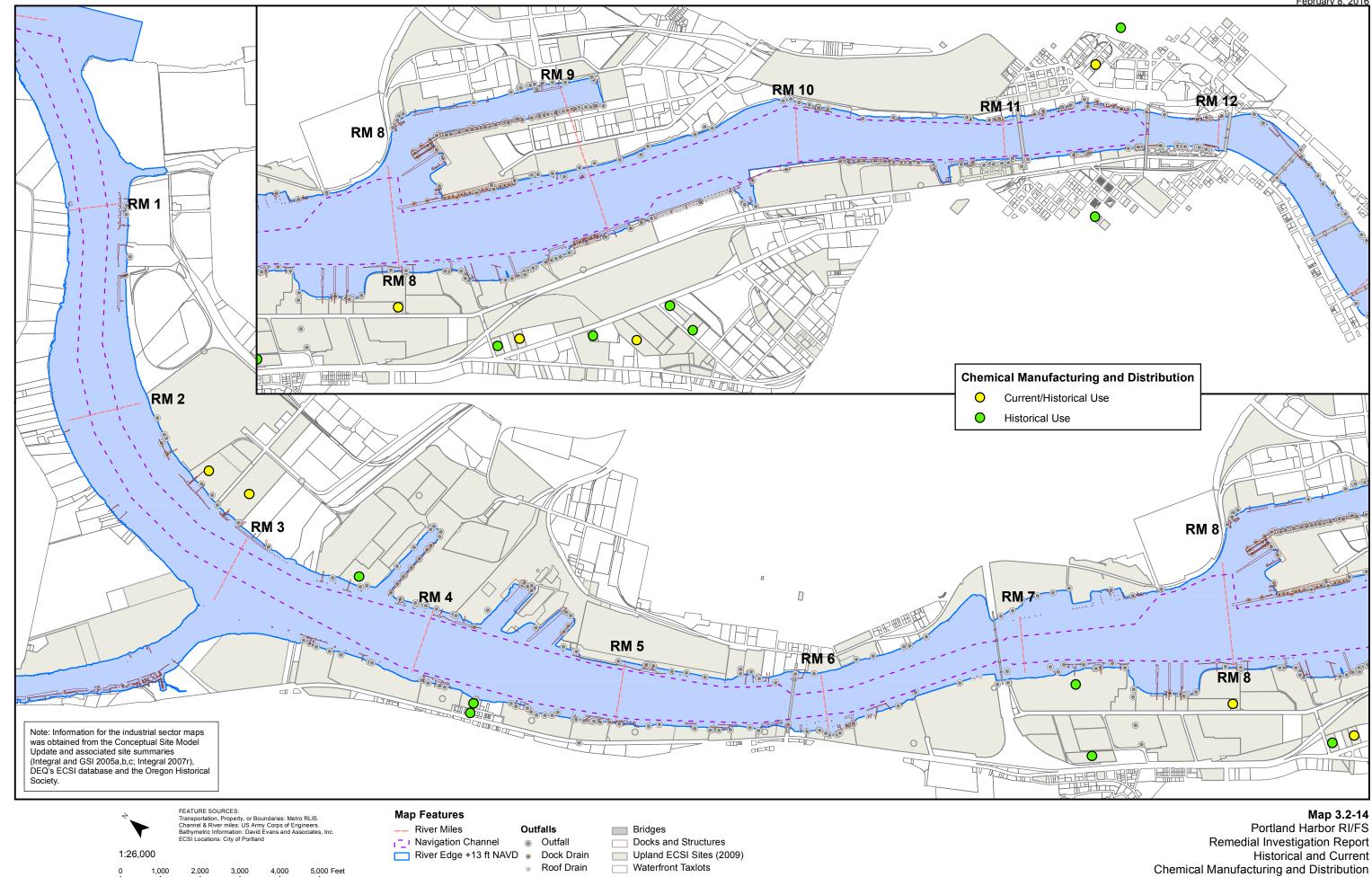
2,000

3,000

4,000

5,000 Feet

in the Portland Harbor Study Area



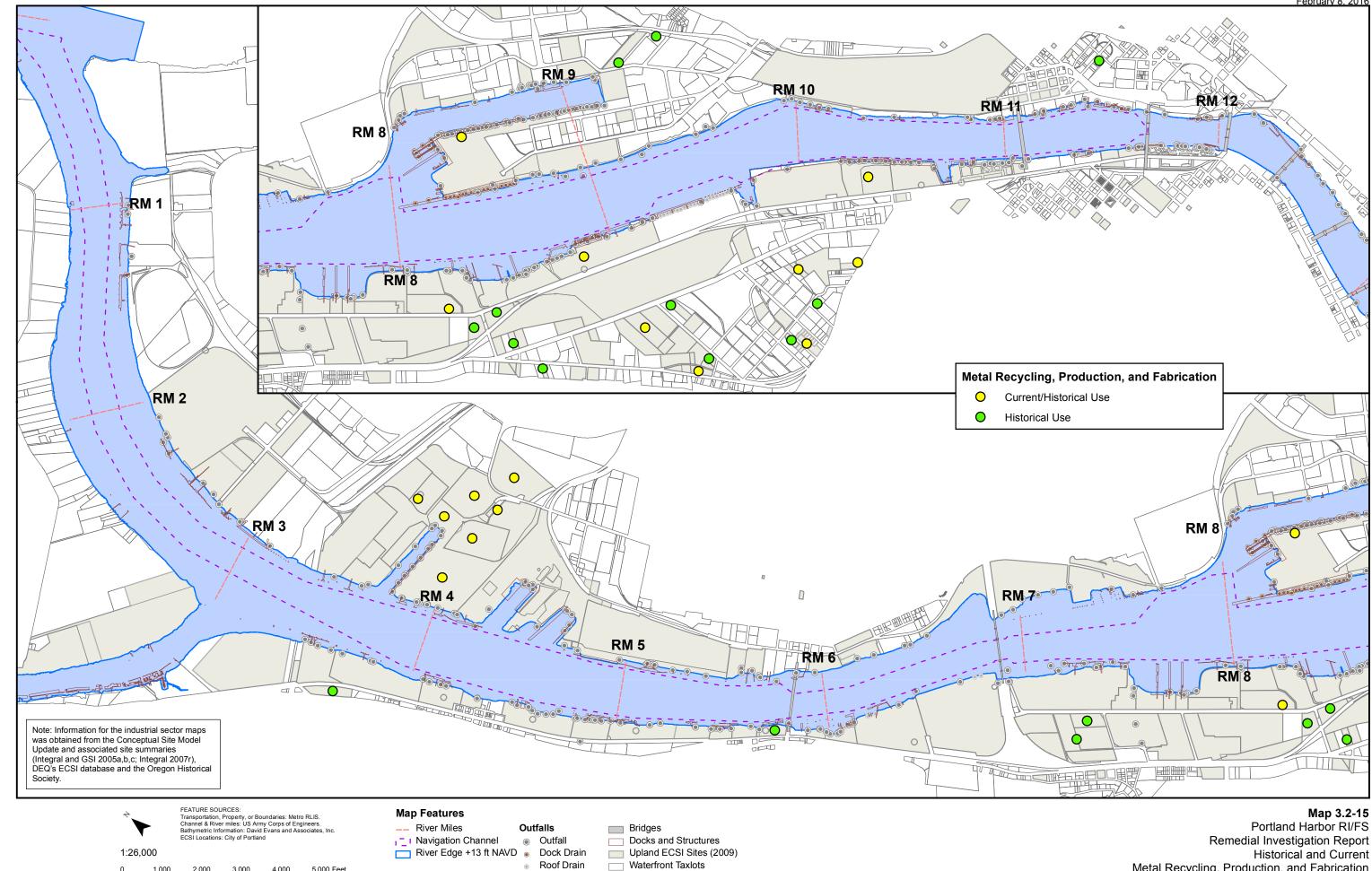
2,000

3,000

4,000 5,000 Feet

Metal Recycling, Production, and Fabrication

in the Portland Harbor Study Area



4,000

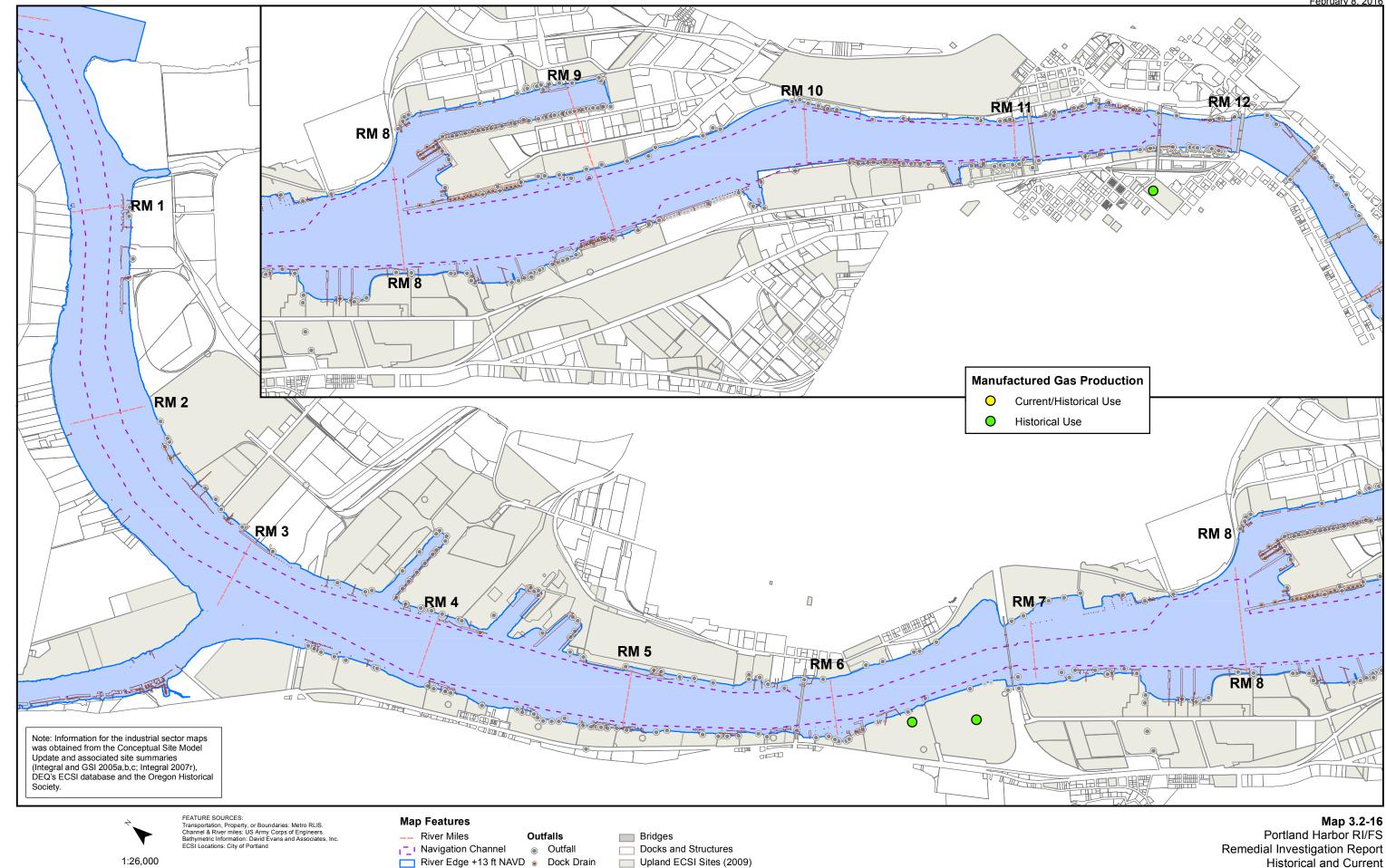
2,000

3,000

5,000 Feet

Manufactured Gas Production

in the Portland Harbor Study Area



Roof Drain

2,000

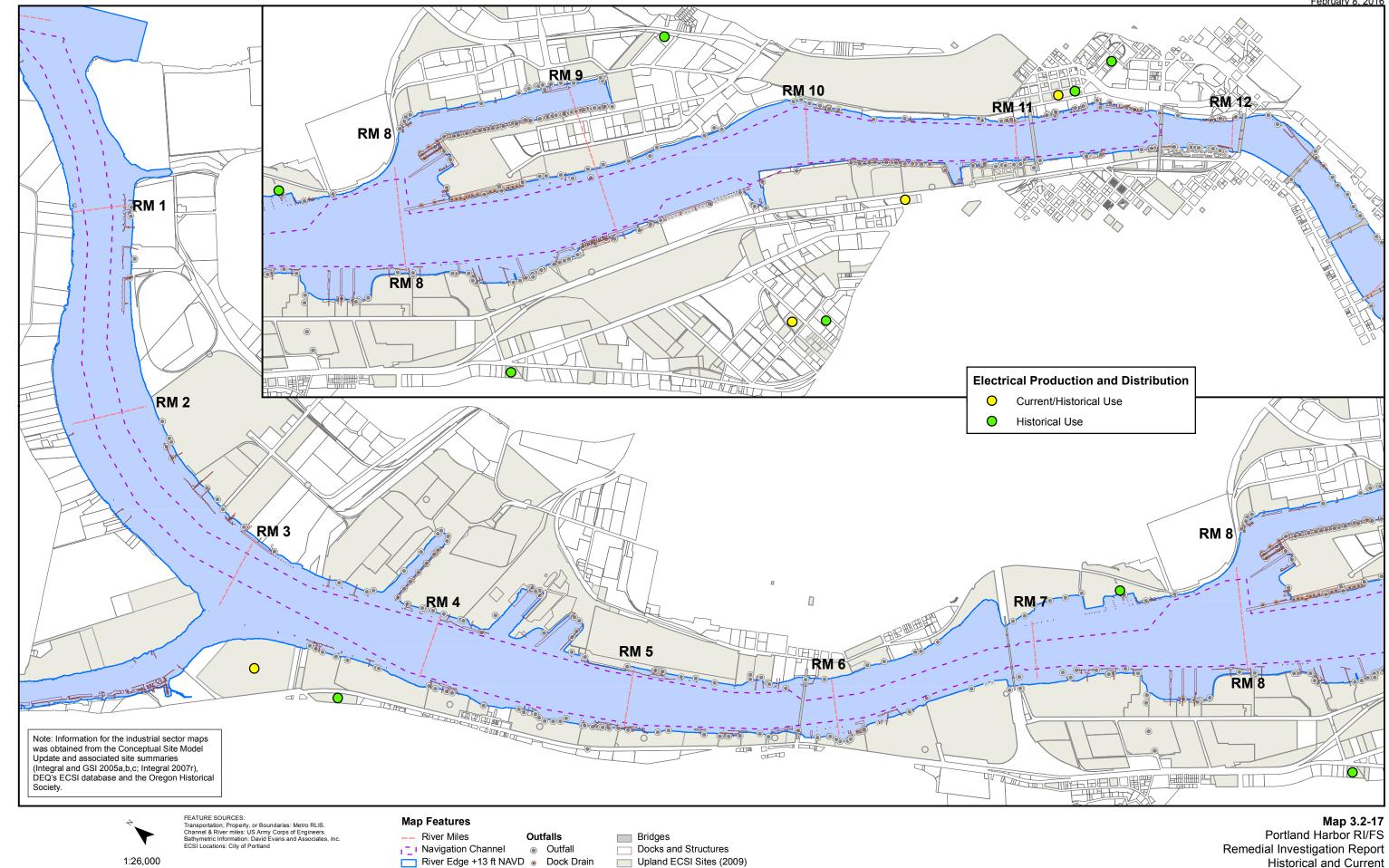
3,000

4,000 5,000 Feet

Waterfront Taxlots

Electrical Production and Distribution

in the Portland Harbor Study Area



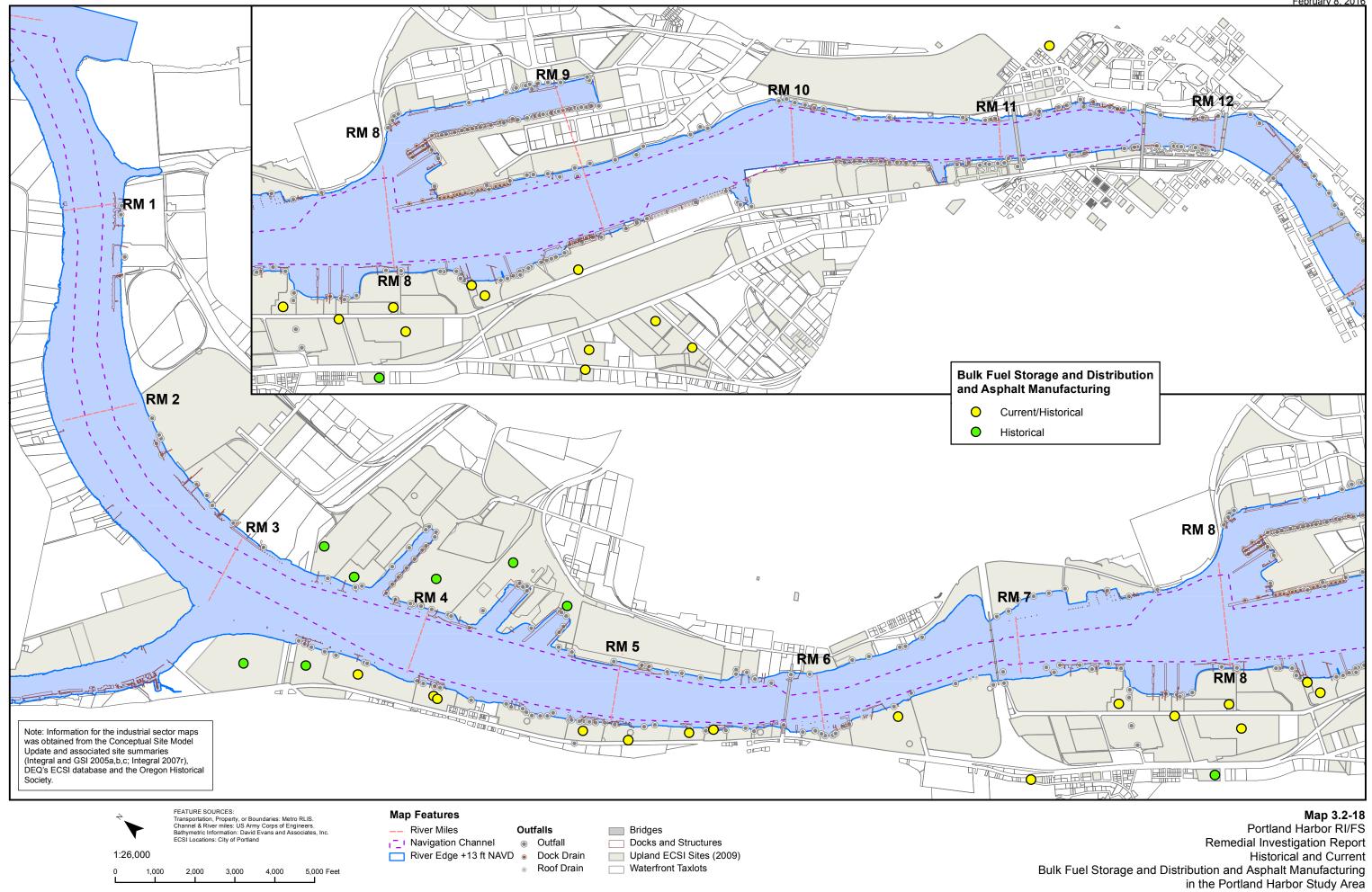
Roof Drain

2,000

3,000

4,000 5,000 Feet

Waterfront Taxlots



4,000

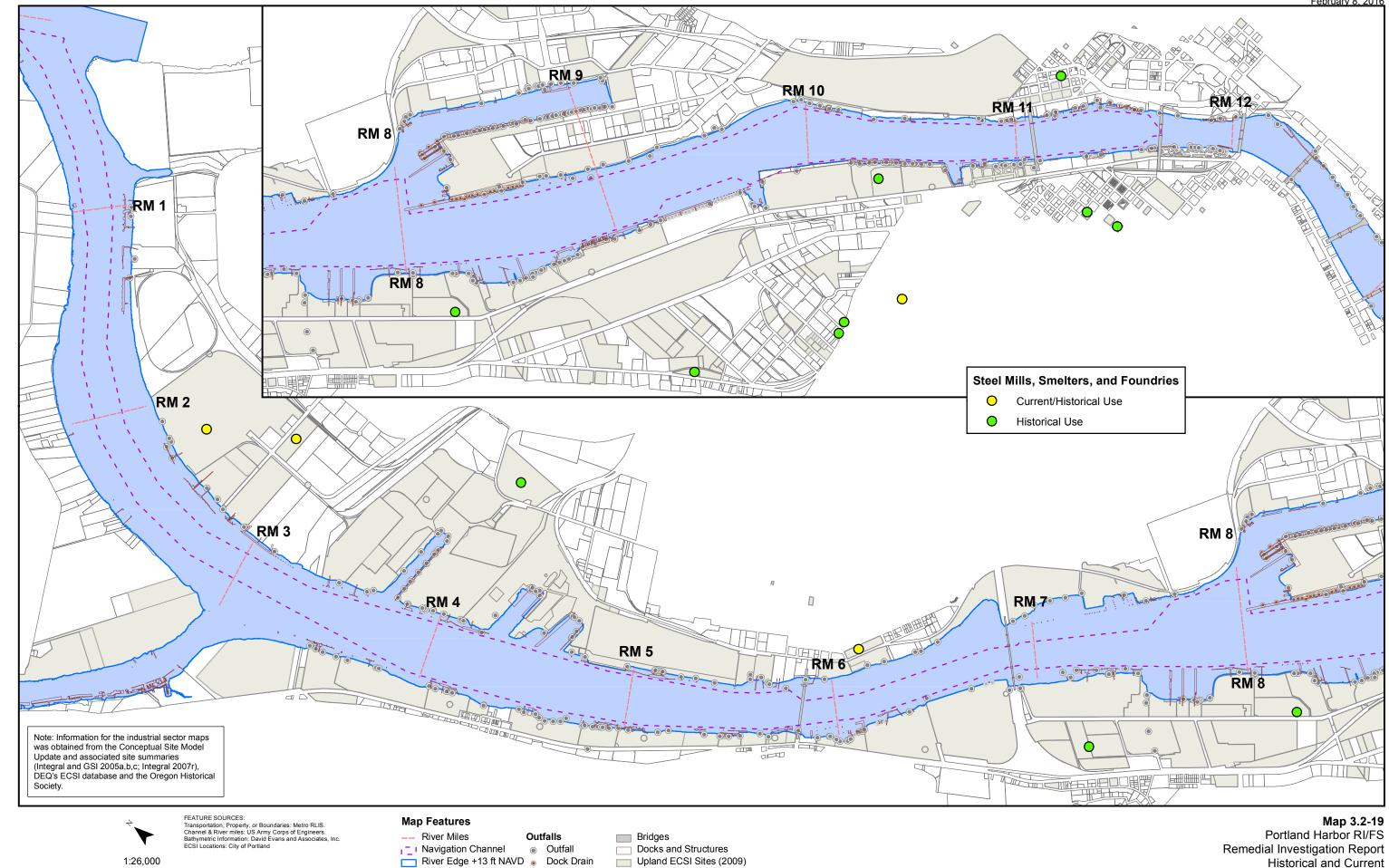
2,000

3,000

5,000 Feet

Steel Mills, Smelters, and Foundries

in the Portland Harbor Study Area



Roof Drain

2,000

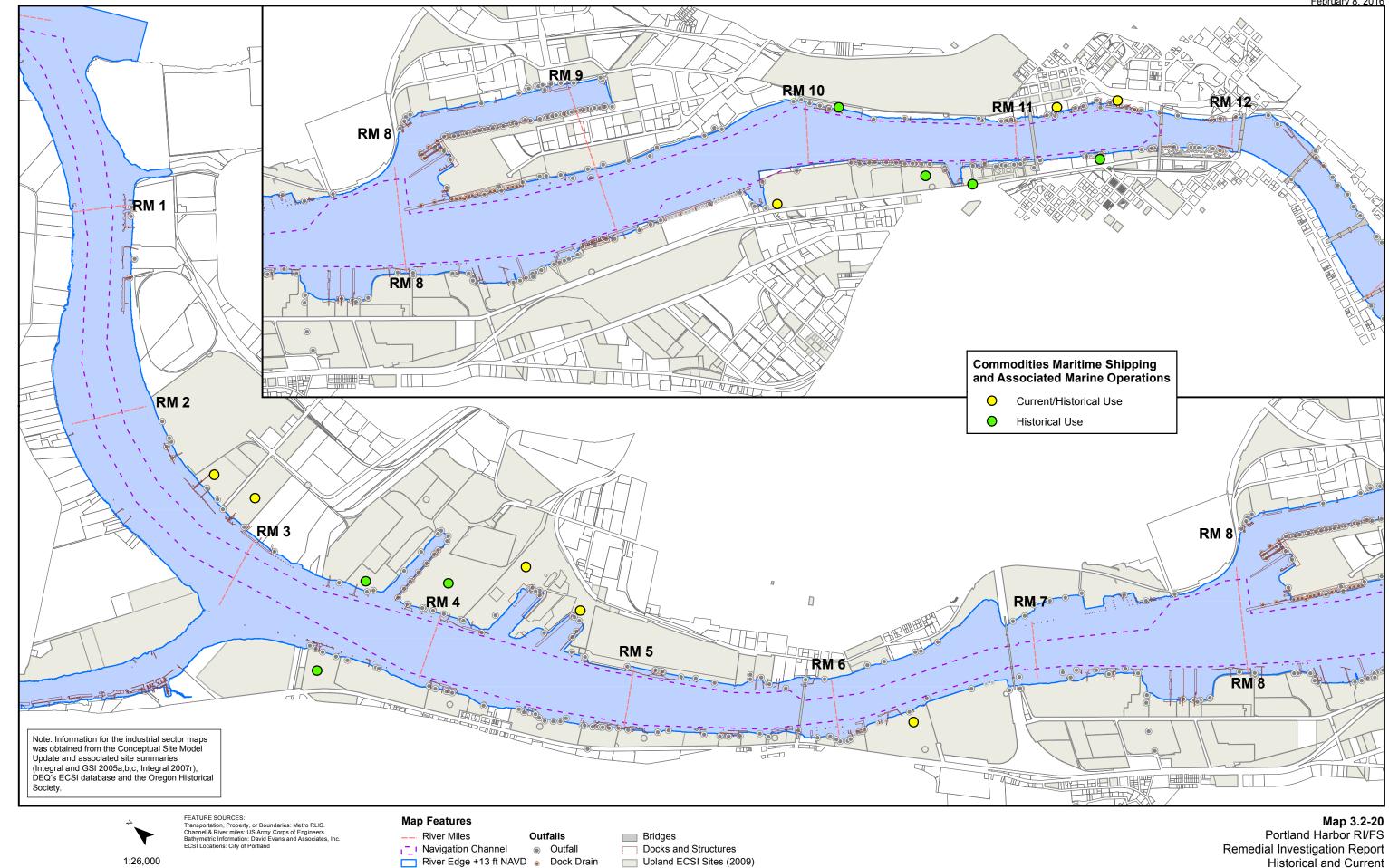
3,000

4,000 5,000 Feet

Waterfront Taxlots

Commodities Maritime Shipping and Associated Marine Operations

in the Portland Harbor Study Area



Roof Drain

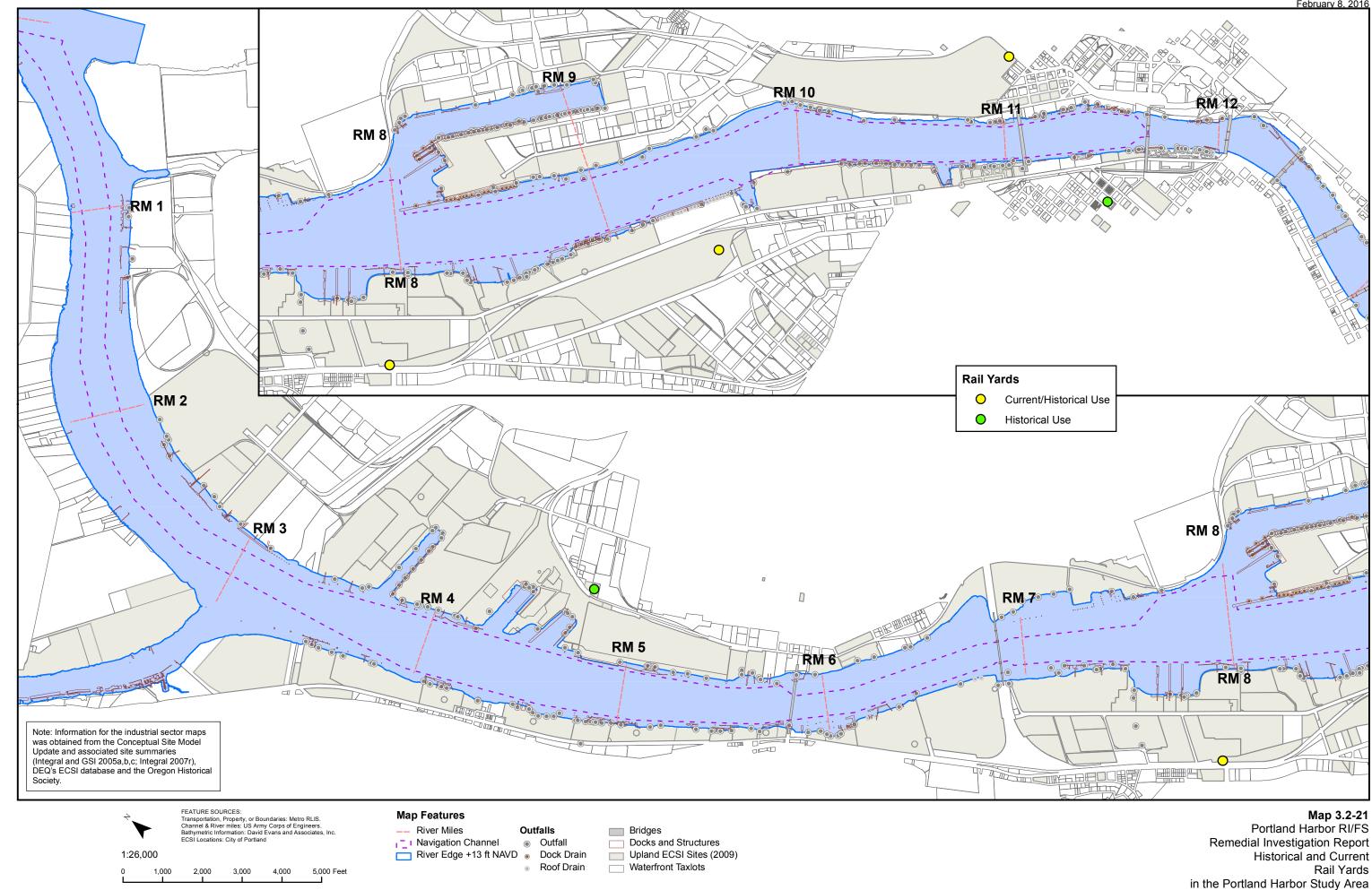
4,000

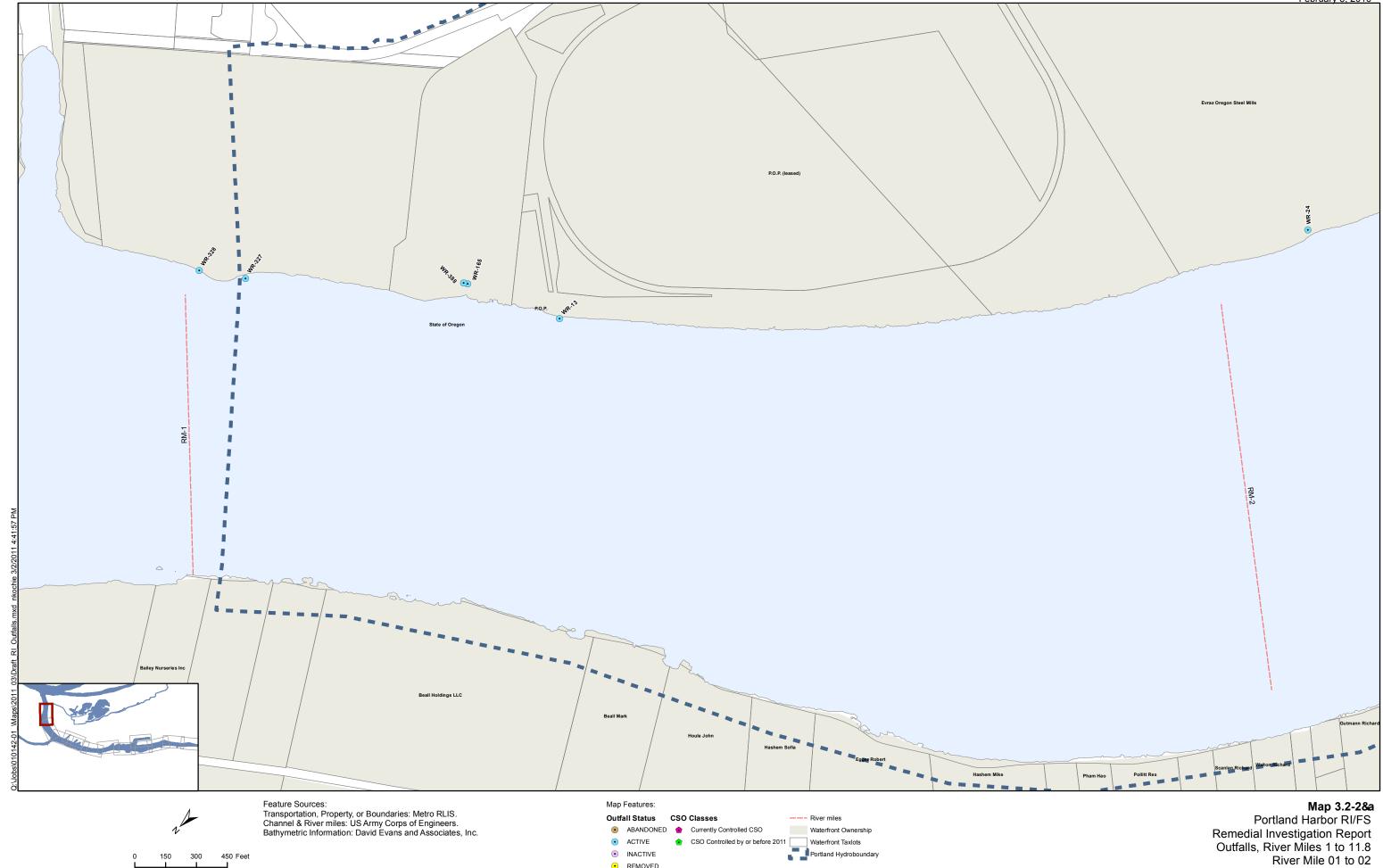
2,000

3,000

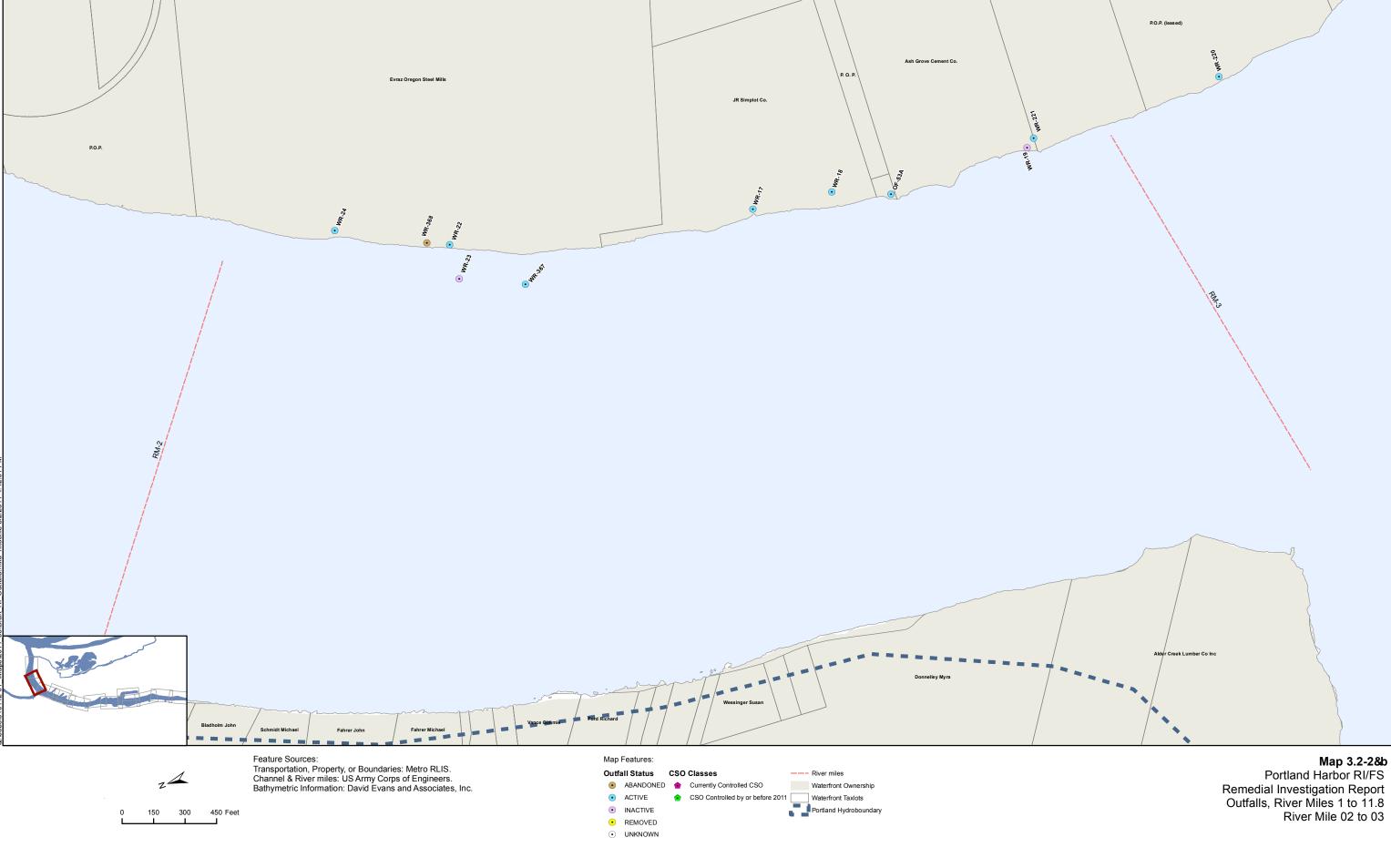
5,000 Feet

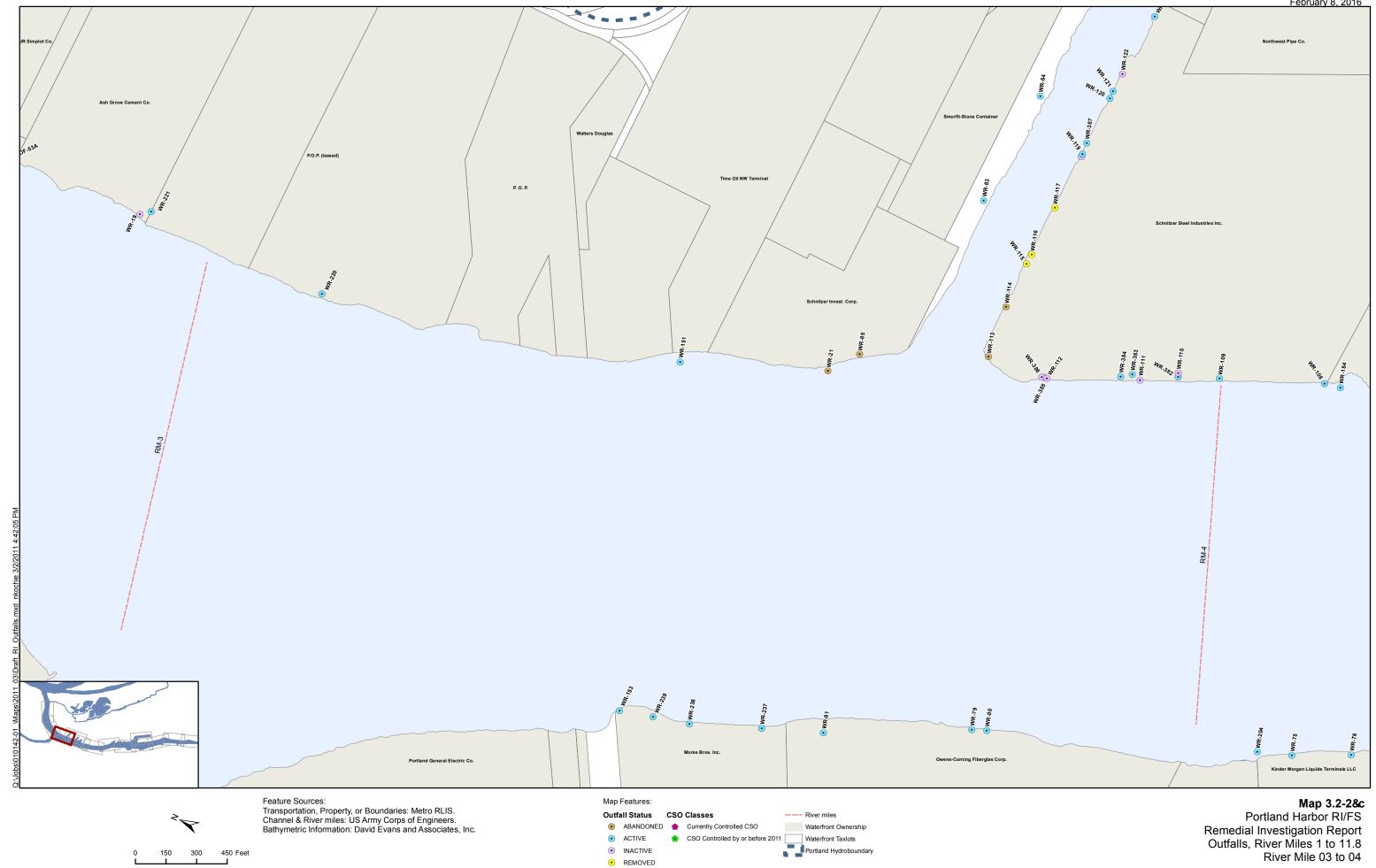
Waterfront Taxlots



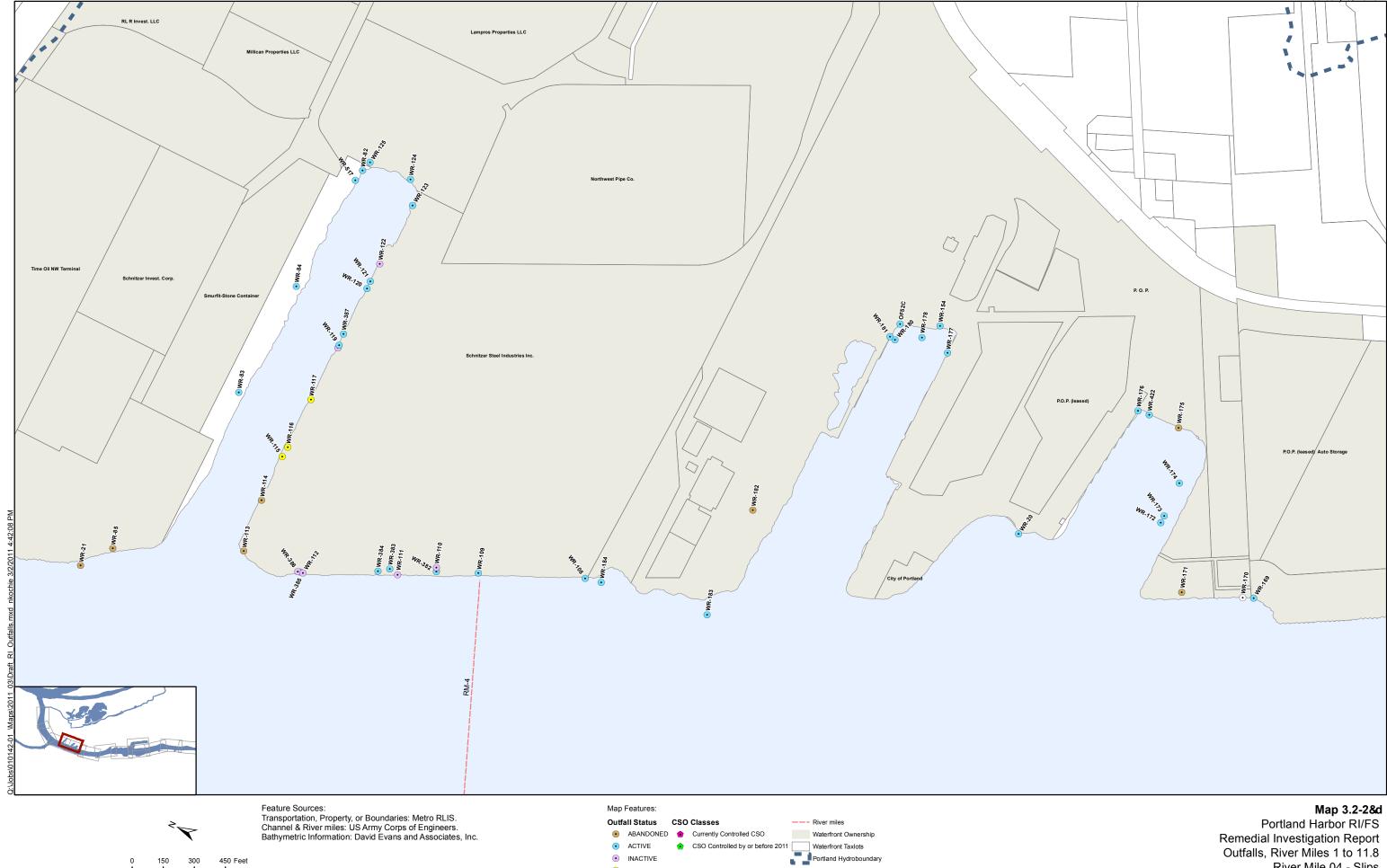


REMOVEDUNKNOWN





• UNKNOWN

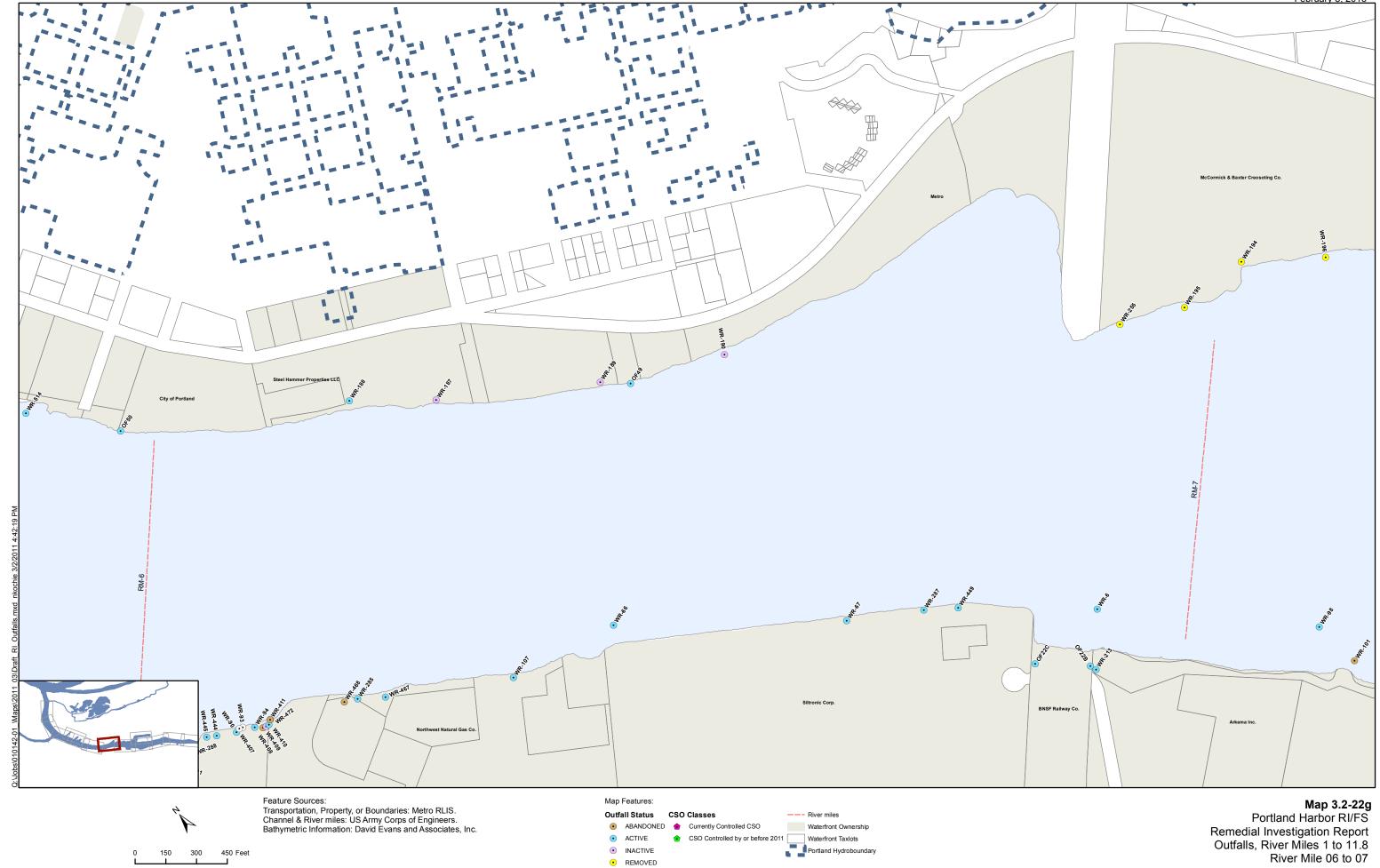


INACTIVE

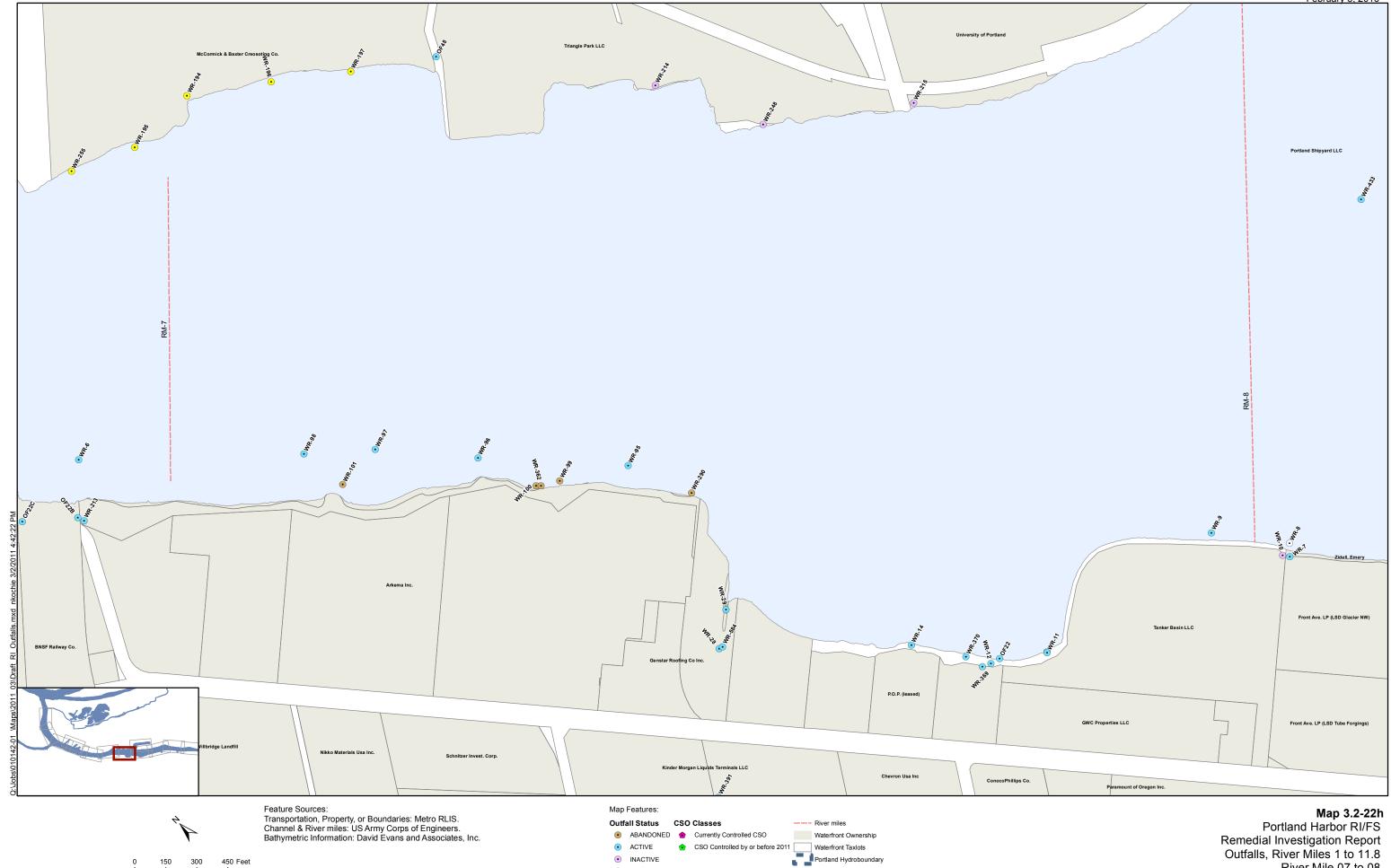
 REMOVED • UNKNOWN Remedial Investigation Report Outfalls, River Miles 1 to 11.8 River Mile 04 - Slips

INACTIVE REMOVED UNKNOWN Remedial Investigation Report Outfalls, River Miles 1 to 11.8 River Mile 04 to 05

• UNKNOWN



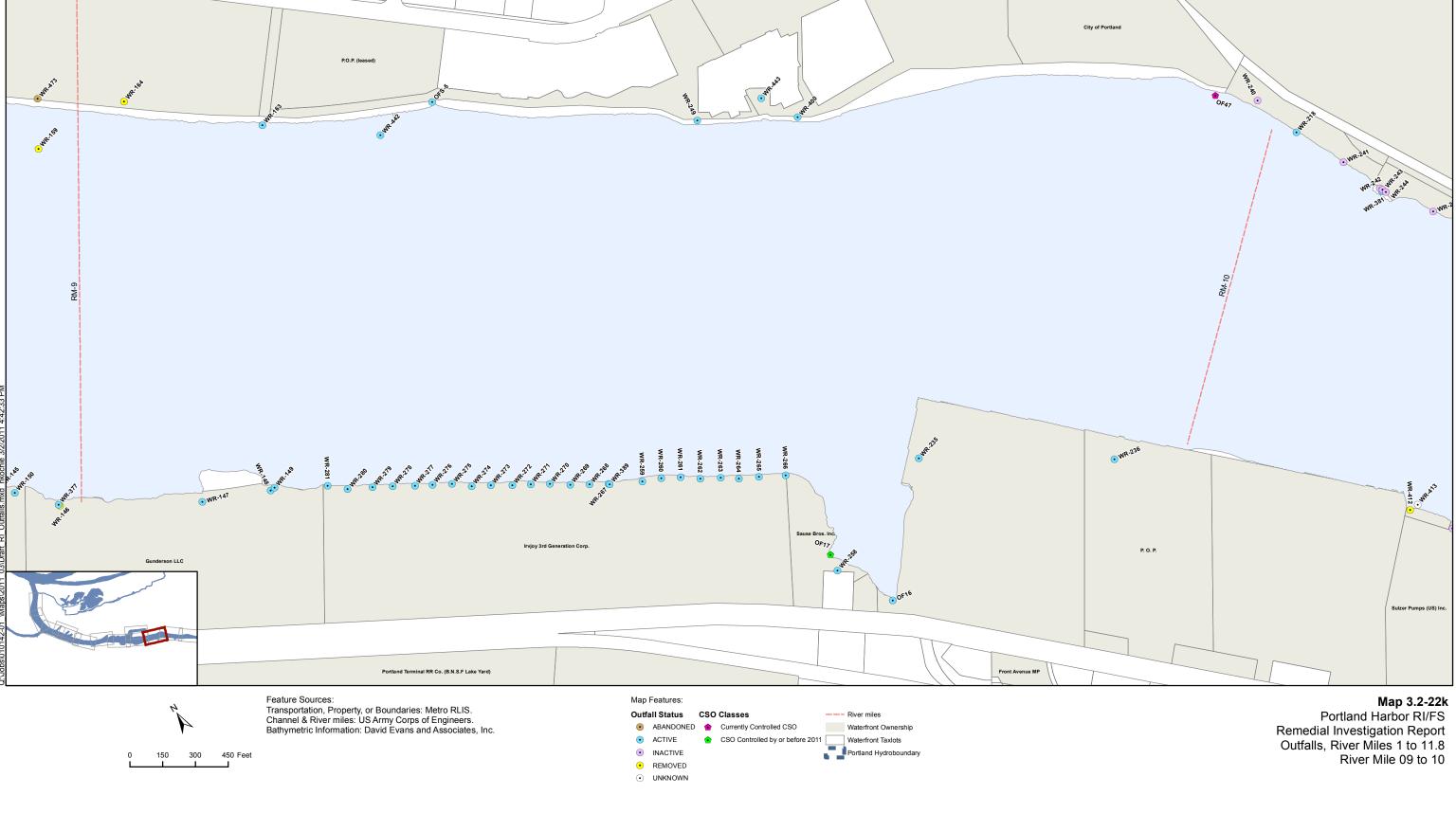
REMOVEDUNKNOWN

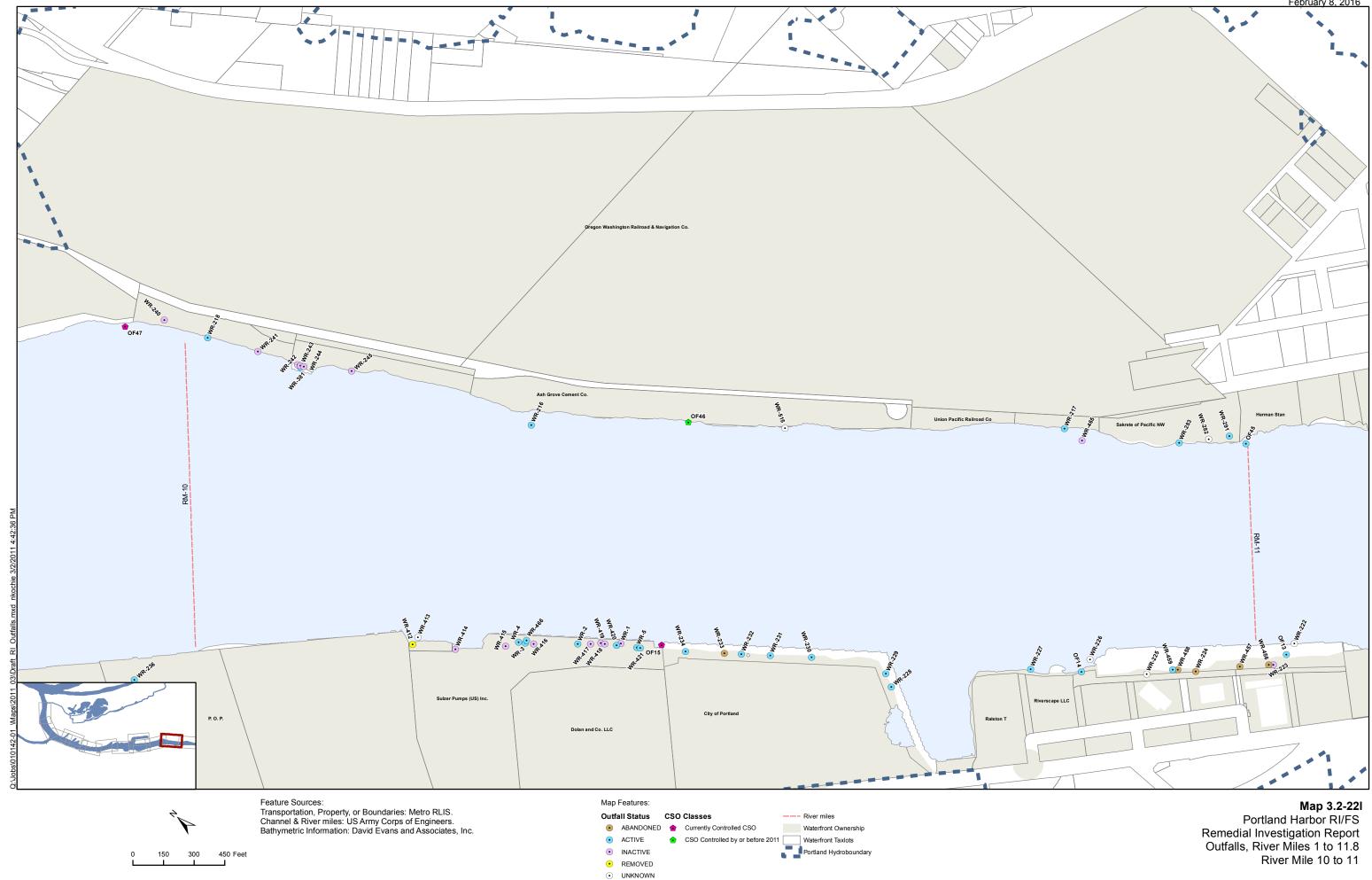


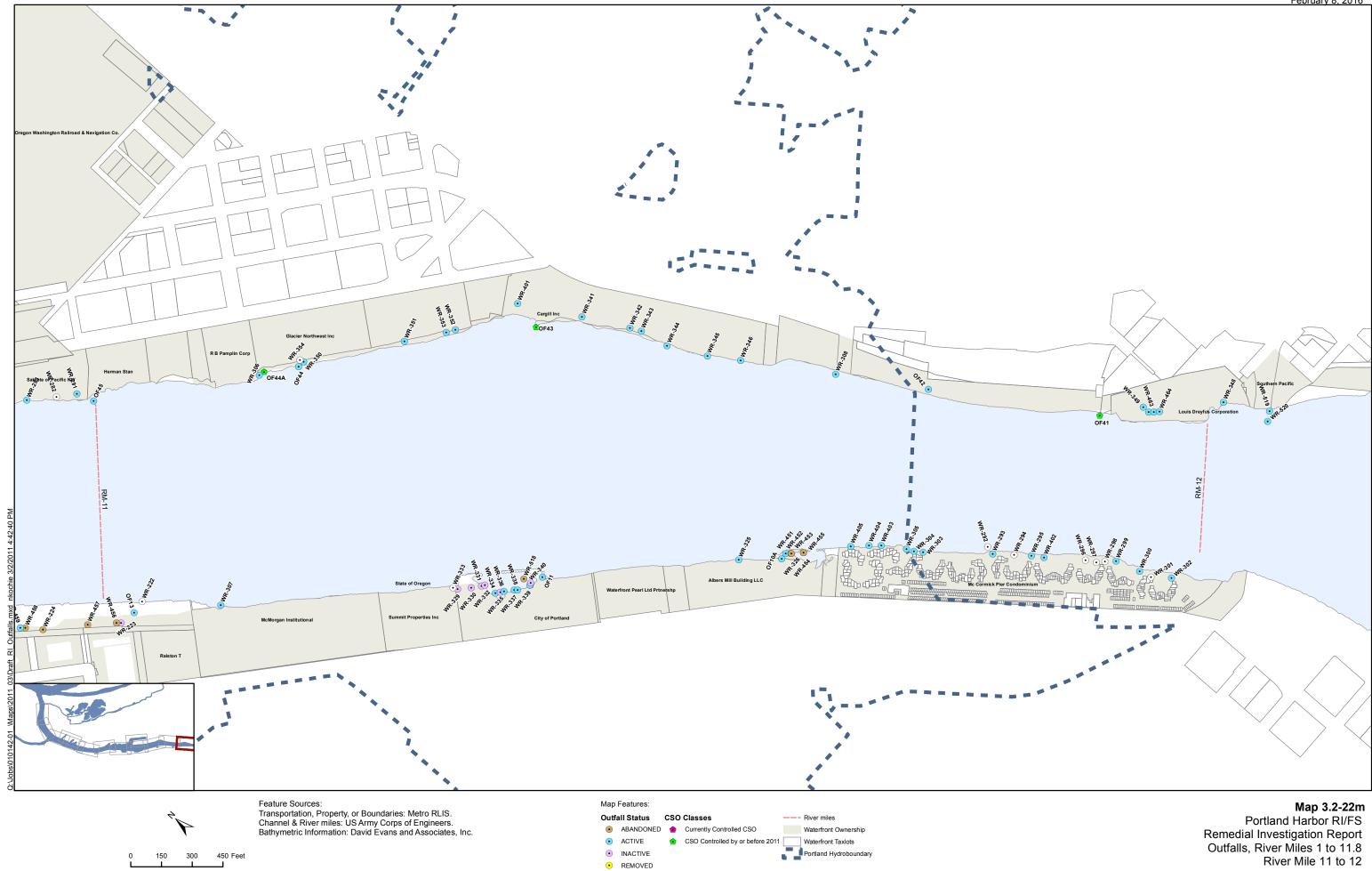
 REMOVED • UNKNOWN

Remedial Investigation Report Outfalls, River Miles 1 to 11.8 River Mile 07 to 08

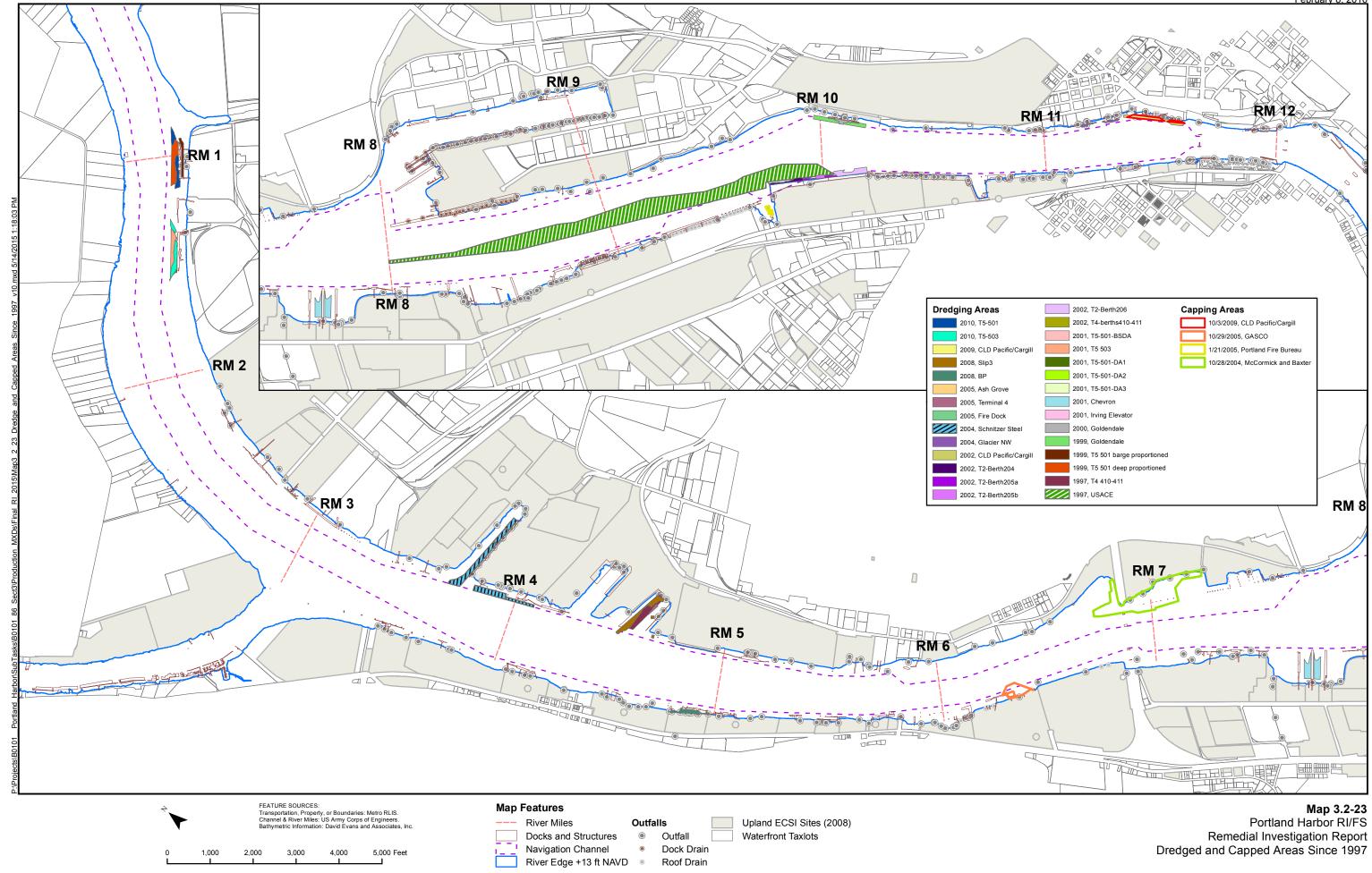
UNKNOWN

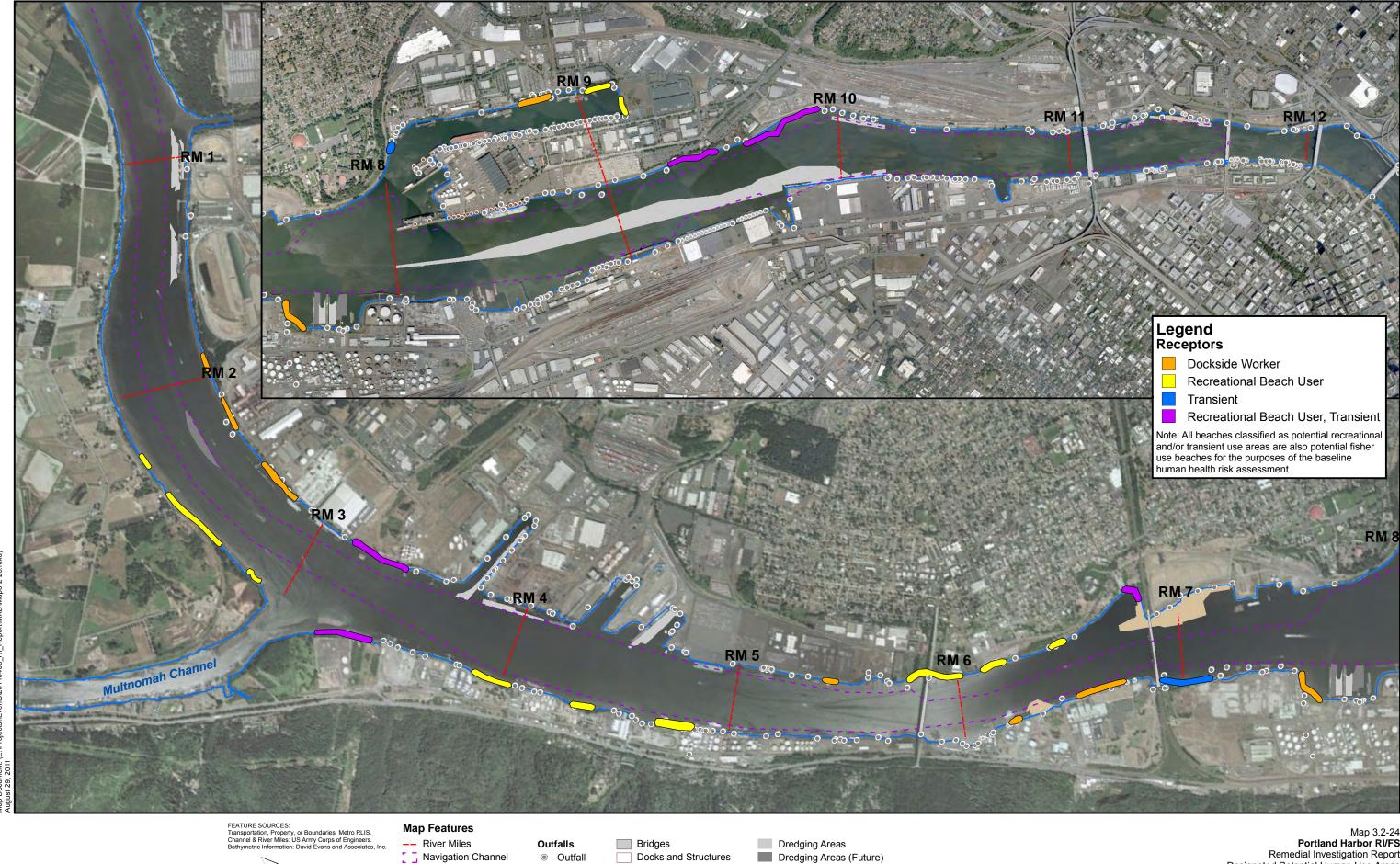






UNKNOWN





Waterfront Taxlots

Roof Drain
 Upland ECSI Sites (2008)

Dock Drain

Capping Areas

River Edge +13 ft NAVD

1,000

2,000 Feet

Portland Harbor RI/FS Remedial Investigation Report Designated Potential Human Use Areas